



2010 PORTFOLIO

Department of Defense Chemical and Biological Defense Program

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Aberdeen Proving Ground, MD 21010-5424

DISCLAIMER

The list of items contained in this document represent the key CBRN defense capabilities provided to the Warfighter, current as of March 2010.

The schedules detailed in this document are based on the FY11 President's Budget scenario found in the Joint Service Chemical Biological Information System (JSCBIS) database.



March 2010

We are pleased to present the 2010 Department of Defense (DoD) Chemical and Biological Defense Program (CBDP) Portfolio. The portfolio highlights and graphically depicts key chemical, biological, radiological, and nuclear (CBRN) capabilities provided to the Warfighter in order to achieve the CBDP's vision of ensuring that DoD operations are unconstrained by existing and emerging CBRN threats.

Additionally, the CBDP Portfolio complements the DoD CBDP Annual Report to Congress (ARC). The ARC describes the progress made by the DoD to protect the Warfighter, the United States, and its allies from the recognized threat or actual use of weapons of mass destruction (WMD), and outlines achievements, initiatives, and innovations undertaken to identify and balance investment priorities against WMD-associated risks over time.

The CBDP Portfolio is a reference that assists Congress, the DoD, and other government agencies in understanding CBRN capabilities fielded to the Warfighter and will be updated periodically as the CBDP transitions emerging technologies into effective solutions.

A handwritten signature in black ink, reading "Jess A. Scarbrough".

JESS A. SCARBROUGH
Brigadier General, USA
Joint Program Executive Officer for
Chemical and Biological Defense

A handwritten signature in black ink, reading "Jean D. Reed".

JEAN D. REED
Deputy Assistant to the Secretary of
Defense for Chemical and Biological
Defense and Chemical Demilitarization



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FOREWORD

This Chemical and Biological Defense Program (CBDP) Portfolio describes the key chemical, biological, radiological, and nuclear (CBRN) defense capabilities available to address the full spectrum of threats, providing the Armed Forces with the ability to operate in all weapons of mass destruction environments unconstrained by CBRN effects. The purpose of this CBDP Portfolio is to provide a reference tool to inform Service Members, Combatant Commanders, and Congress of current and advancing CBRN defense capabilities available to support the Warfighter.

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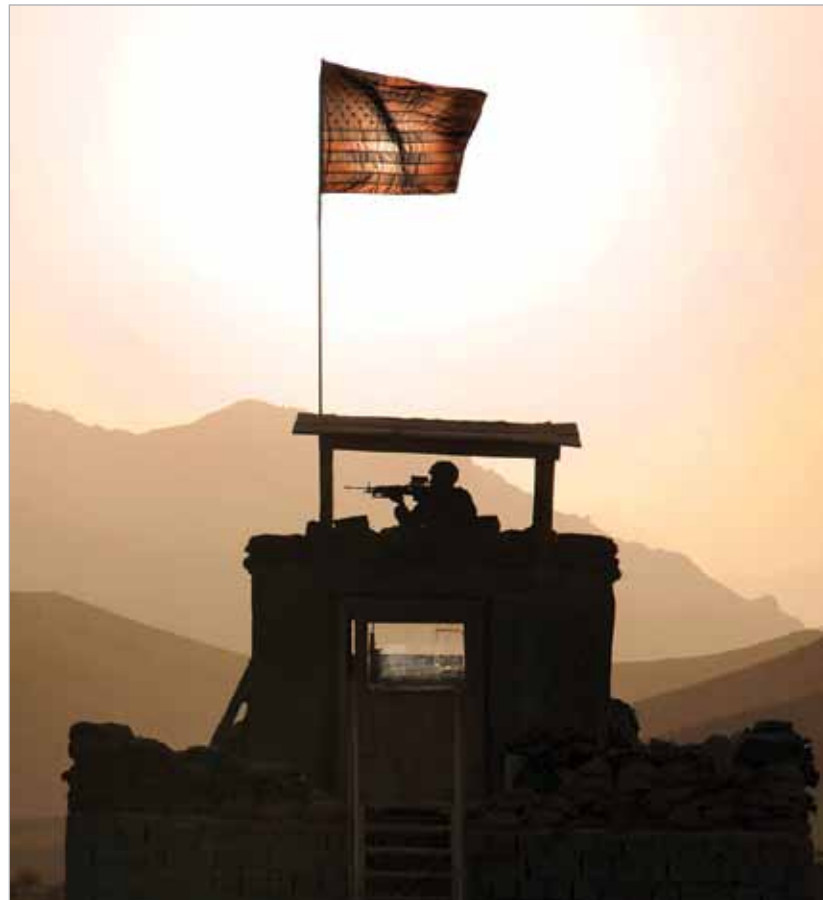
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INTRODUCTION

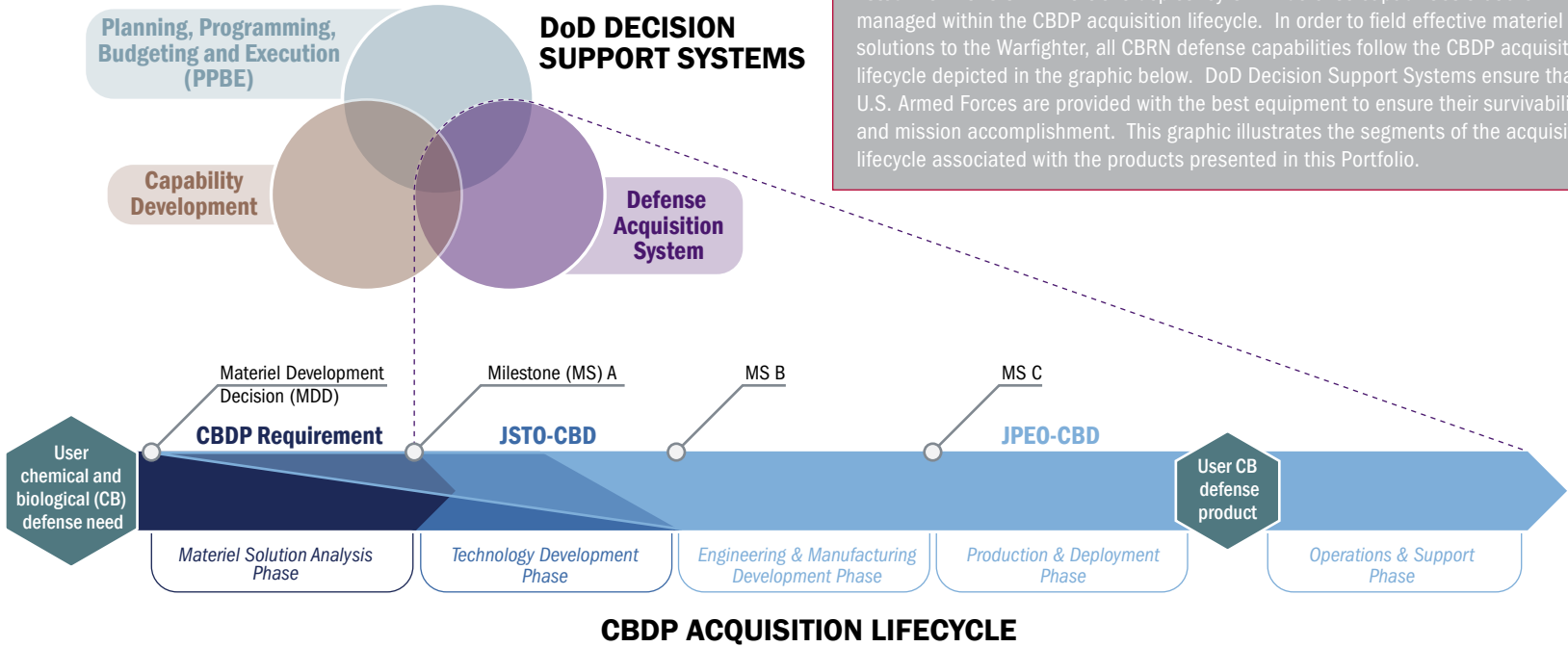
The United States will continue to be engaged in a struggle of evolving conflict against adversaries employing irregular, disruptive, and potentially catastrophic strategies—including the use of terror, asymmetric attacks, and weapons of mass destruction (WMD) to challenge, marginalize, erode, and paralyze U.S. power. U.S. Armed Forces must be prepared to deal with a full spectrum of threats and must be able to operate in all WMD environments unconstrained by chemical, biological, radiological, and nuclear (CBRN) effects.

The Chemical and Biological Defense Program (CBDP) supports the nation's overall strategy for combating, defending against, and minimizing the effects of WMD use against U.S. interests and allies. The CBDP provides essential integrated, coordinated, and sustainable CBRN materiel and non-materiel solutions to the Warfighter. The Program supports the development of capabilities required across passive defense and consequence management activities. The CBDP also supports multiple National Strategies that address the strategic environment for deterring and preventing adversarial use of WMD. Specifically, the CBDP supports the *National Strategy to Combat Weapons of Mass Destruction*, which emphasizes that the gravest danger for the United States lies at the crossroads of radicalism and technology.

The threats faced by U.S. Armed Forces on today's battlefield and in the homeland remain dynamic as a result of the expanding roster of antagonist nations, terrorist organizations, and other non-state actors possessing or seeking weapons with the capacity to inflict catastrophic damage on the United States and its interests. The challenge of combating weapons of mass destruction (CWMD) is complicated by the ease with which knowledge related to WMD development could be disseminated, the increasingly dual-use nature of technologies, rapid technological advancements that continue to lower the threshold for acquiring WMD, and the development of novel threats through various techniques, including genetic engineering.



The Department of Defense (DoD) must be able to provide improved defensive equipment capabilities, trained personnel, and doctrine and logistical CBRN sustainment capabilities to prepare military units for immediate deployment from U.S. power projection infrastructure and rapid recovery and reset from operations within a CBRN environment.



Within the overall DoD Decision Support Systems, the Defense Acquisition System represents how materiel is developed, manufactured, fielded, and sustained. Items listed within this CBDP Portfolio depict key CBRN defense capabilities that are managed within the CBDP acquisition lifecycle. In order to field effective materiel solutions to the Warfighter, all CBRN defense capabilities follow the CBDP acquisition lifecycle depicted in the graphic below. DoD Decision Support Systems ensure that U.S. Armed Forces are provided with the best equipment to ensure their survivability and mission accomplishment. This graphic illustrates the segments of the acquisition lifecycle associated with the products presented in this Portfolio.

Science and Technology within the Chemical and Biological Defense Program

The Joint Science and Technology Office for Chemical and Biological Defense's (JSTO-CBD) projects and efforts address near- to long-term requirements. Project Managers balance technology push and requirements pull in a well-rounded approach to advance the gains of basic research; support existing acquisition programs; bridge the capability gaps identified by Combatant Commands and the Joint Requirements Office for Chemical, Biological, Radiological, and Nuclear Defense (JRO-CBRND); and explore the passive defense and consequence management ramifications of new and emerging threats.

The CBDP Science and Technology (S&T) Program addresses current and future threats and develops technology solutions to protect the Warfighter, ensuring that the United States is able to maintain a competitive advantage in CB defense. The JSTO-CBD, as the focal point for S&T expertise, manages and integrates the discovery, development, demonstration, and transition of timely and effective CB defense solutions for the DoD.

In September 2007, the JSTO-CBD developed the Joint CBDP S&T Strategy to serve as a guide for planning and implementing S&T investments needed for CB defense from the near- and mid-term (one to five years) through the far-term (five to fifteen years), including transitioning technologies to systems acquisition and scientific information to the CB defense community. The strategy builds on the vision and mission of the JSTO-CBD and defines the strategic framework for S&T investment to implement, execute, integrate, and transition technologies that will achieve the JSTO-CBD's scientific and programmatic goals and objectives.

JSTO-CBD Vision

Being the leading authority in CB defense with recognized expertise in the development of future technology solutions that render the impact of CB hazards ineffective.

JSTO-CBD Mission

Manage and integrate the discovery, development, demonstration, and transition of S&T to effect CB defense solutions for the DoD while serving as the focal point for S&T expertise. The JSTO-CBD provides the most innovative capabilities by collaborating with mission partners, the Services, other government agencies, industry, and academia.

The JSTO-CBD S&T Strategy defined the following four goals:

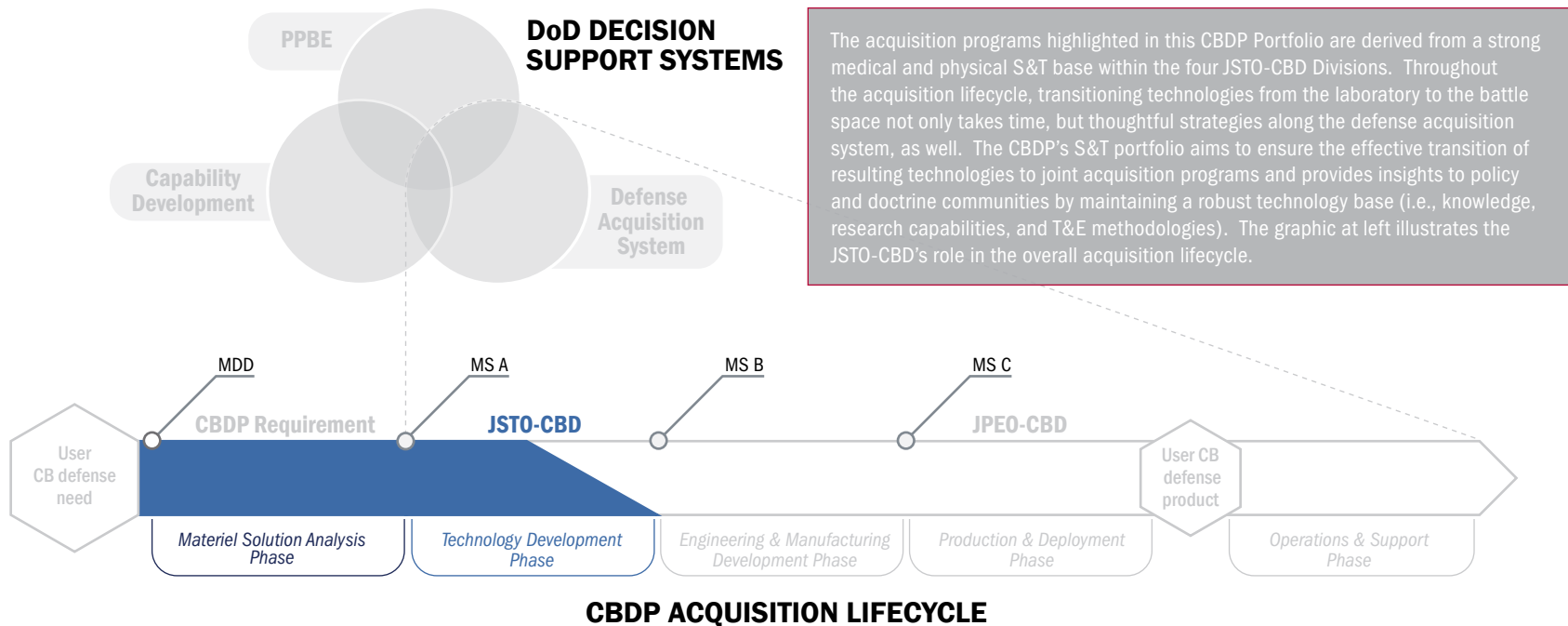
1. Transition technologies
2. Ensure a robust S&T base
3. Answer science questions
4. Achieve Enterprise excellence.

The JSTO-CBD develops and maintains CBDP medical and physical (non-medical) sciences S&T plans and develops, coordinates, and transitions CBDP S&T medical and physical sciences technologies and associated CBDP test and evaluation (T&E) technology needs in response to validated and approved Joint military capability needs. Four JSTO-CBD divisions carry out these missions:

- 1. Physical S&T Division:** Emphasizes innovation in managing multi-disciplinary basic and applied research to meet the technology needs and capability gaps defined and prioritized by the JRO-CBRND to support systems acquisition programs. The three capability areas included in this division are detection; protection/hazard mitigation; and test, demonstrations, and integration.
- 2. Information Systems Capability Development Division:** Provides advancements in S&T that enable collection, fusion, and rapid knowledge generation for all CB defense assets throughout the battle space. These research areas identify, develop, and deliver capabilities that enable CB situational awareness, hazard warning, and prediction.

3. Medical S&T Division: Manages S&T efforts that lead to the development of pre-treatments for CB warfare agent exposure and radiation, methods for timely diagnosis of specific exposures, and treatments to sustain individual health and force strength in the event of an attack. The four major research areas include prophylaxis and pre-treatments, diagnostics, therapeutics, and medical radiological defense.

4. Basic and Supporting Sciences Division: Answers questions that enable current capabilities to improve responses to current threats and creates capabilities for responses to future threats. These studies facilitate detection, protection, and decontamination countermeasures; improve Warfighter decision support tools; and provide a sound scientific basis for doctrine and policy development.



Acquisition within the Chemical and Biological Defense Program

Within the CBDP, the Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) provides an agile, results-oriented, and transformational acquisition enterprise delivering net-centric, modular, tailorable, and multi-purpose capabilities to the Warfighter, U.S. Armed Forces, and nation. The JPEO-CBD provides research, development, and acquisition (RDA) fielding and lifecycle support of CBRN defense equipment, medical countermeasures (MCM), and installation and force protection integrated capabilities supporting the National Strategies.

Within the JPEO-CBD, Joint Project Managers (JPM) lead, manage, and direct the acquisition and fielding of CB detection and reconnaissance systems, individual and collective protection systems, decontamination systems, information management systems, medical devices, drugs and vaccines, and installation and force protection systems. Located throughout the United States, each JPM leverages talent and expertise from across the Services under a single chain of command, providing the best technology, equipment, and medicine at the right cost, right time, and right place.

JPEO-CBD Vision

An agile, results-oriented, and transformational acquisition enterprise delivering net-centric, modular, tailorable, and multi-purpose capabilities to the nation.

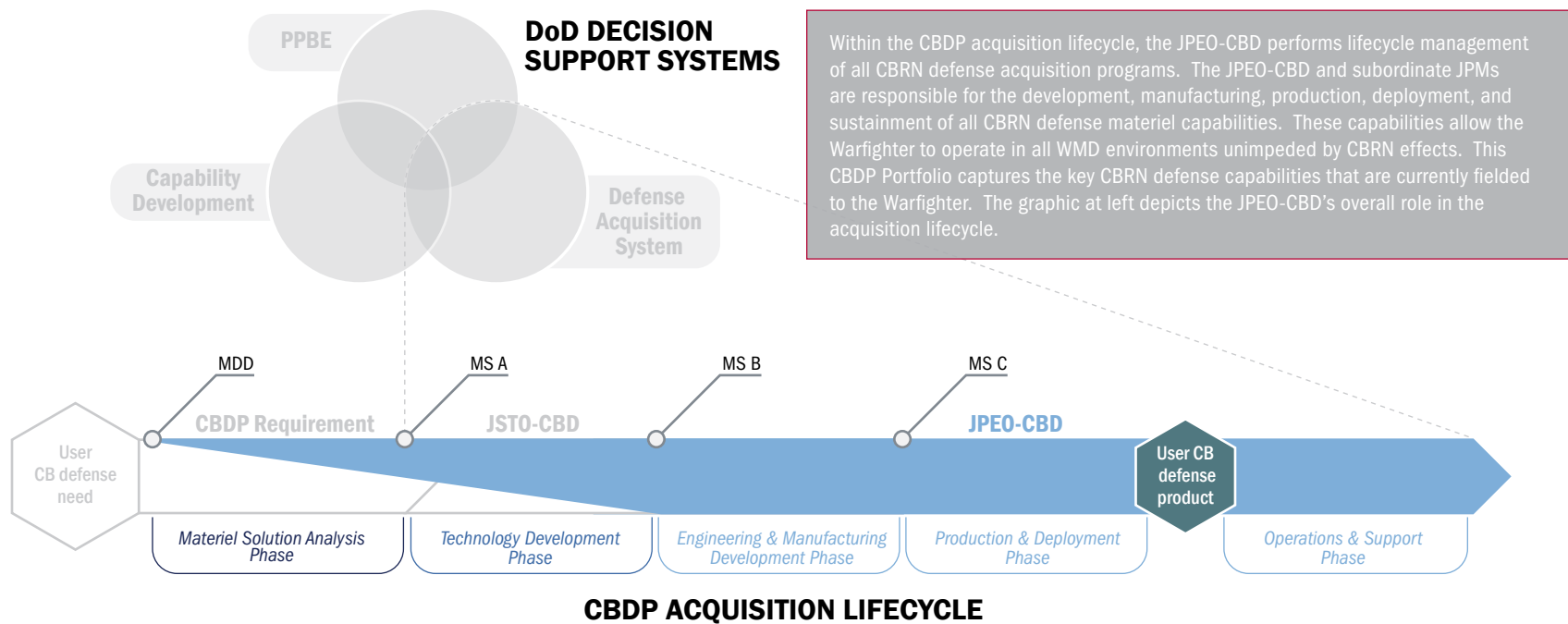


JPEO-CBD Mission

Provide RDA fielding and lifecycle support of CBRN defense equipment, MCMs, and installation and force protection integrated capabilities supporting the National Strategies.

The JPEO-CBD's JPMs include:

- JPM Biological Defense (JPM-BD)
- JPM Chemical and Biological Medical Systems (JPM-CBMS)
- JPM Collective Protection (JPM-ColPro)
- JPM Decontamination (JPM-Decon)
- JPM Guardian (JPM-Guardian)
- JPM Individual Protection (JPM-IP)
- JPM Information Systems (JPM-IS)
- JPM Nuclear, Biological, and Chemical Contamination Avoidance (JPM-NBC CA).
- JPM Transformational Medical Technologies Initiative (TMTI) [Provisional]

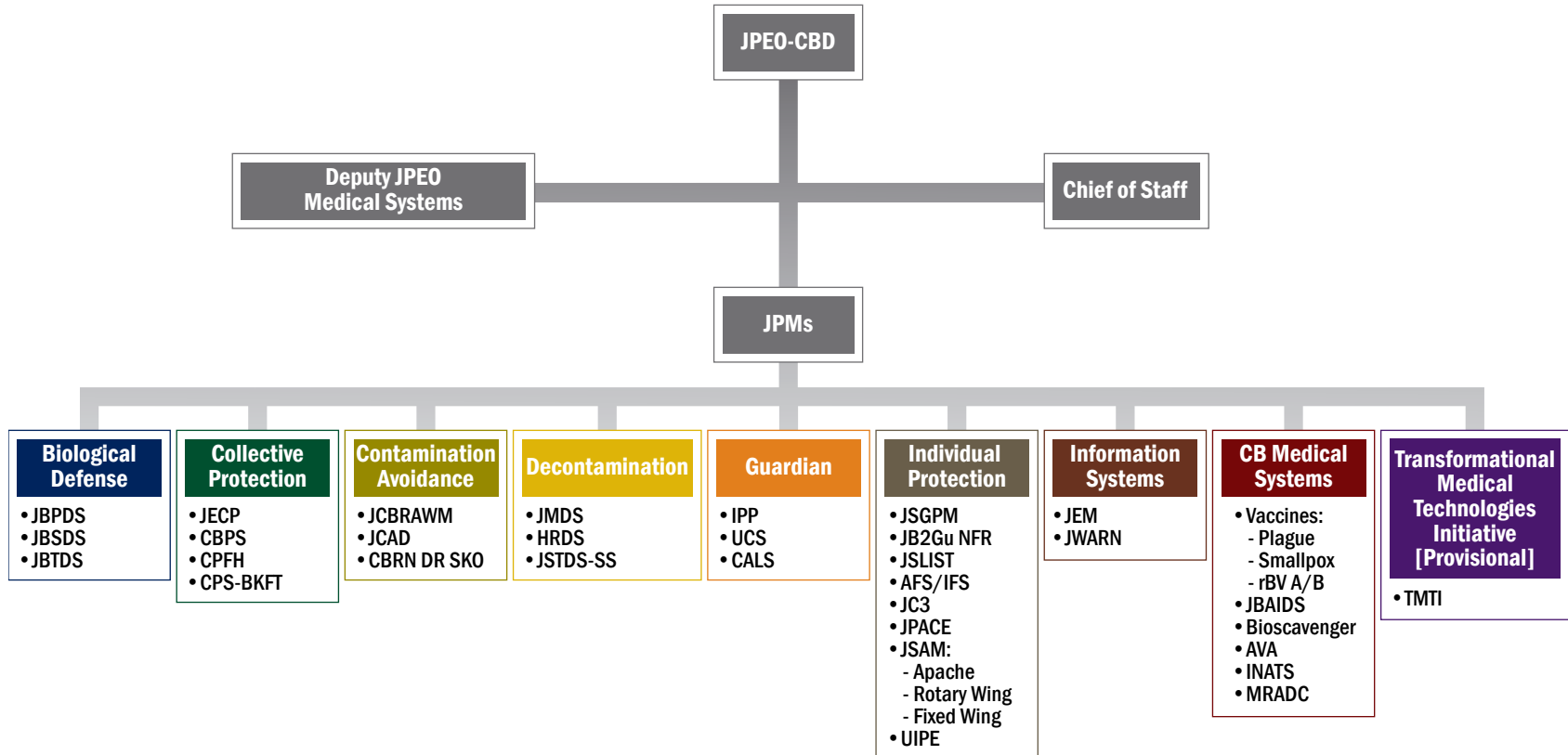




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Chemical and Biological Defense**

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(703) 681-9600
DSN 761-9600

JPEO-CBD STRUCTURE WITH JPM AREAS OF RESPONSIBILITY





JPM Biological Defense

5183 Blackhawk Road
Aberdeen Proving Ground, MD 21010-5424
(410) 436-5617
DSN 584-5617

JPM Biological Defense (JPM-BD)

Provides defensive equipment and technology to detect and identify biological threats in near-real-time (NRT) and collect and assimilate data for commanders who require an understanding of the biological threat situation in their areas of operation. The biological defensive systems are critical to the areas of SENSE, SHIELD, and SUSTAIN, and meet the needs of U.S. Armed Forces to warn personnel of imminent hazards (pre-attack) and aid in the treatment of personnel exposed to a biological hazard (post-attack).

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Joint Biological Point Detection System (JBPDS)

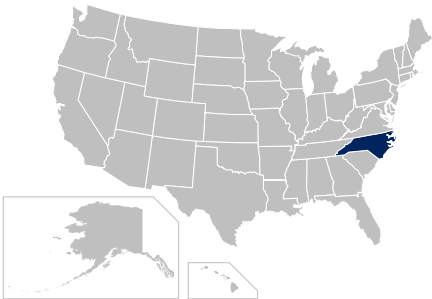
The Joint Biological Point Detection System (JBPDS) Acquisition Category (ACAT) II program is the successor to the Army Biological Integrated Detection System (BIDS) (Pre-planned Product Improvement (P3I) and Non-Development Item (NDI)), Navy Interim Biological Agent Detector, and Joint Portal Shield Service-specific development programs. The JBPDS will meet Joint Service requirements as outlined in the Capability Production Document (CPD) and consists of complementary detector, collector, and identification technologies to rapidly and automatically detect and identify biological warfare agents (BWA). The suite is capable of identifying BWAs listed in Category A of the International Task Force (ITF) 6 Report, dated February 1990. The suite will be integrated into each Service's platform (e.g. High Mobility Multipurpose Wheeled Vehicle (HMMWV), surface ships, and Stryker) or as a stand-alone system to provide a common detection and identification capability for joint interoperability and supportability. The JPBDS increases the number of agents that are identified, decreases detection and identification time, increases detection sensitivity, and provides automated detection and identification.

National Stock Number (NSN):
6665014529643 (M96);
6665014529644 (M97);
6665014529645 (M98)



CONTRACTOR(S)/GOVERNMENT PERFORMERS

General Dynamics-Armament and
Technical Products (GD-ATP)
Charlotte, NC



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

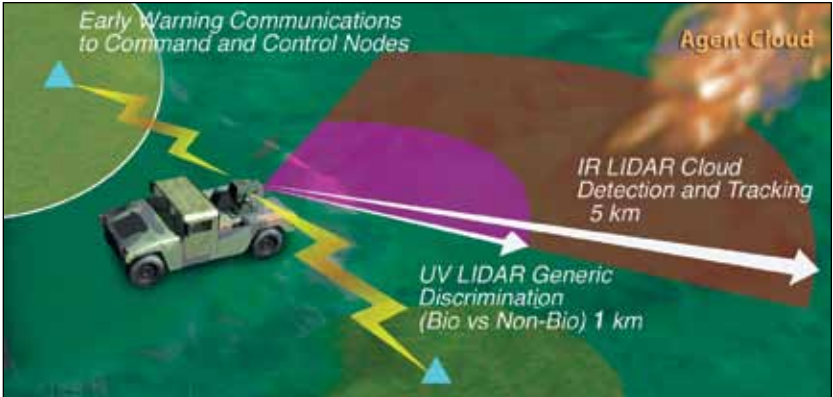
	FY09			FY10			FY11		
Interim System Production - Low Rate Initial Production (LRIP)									
MS C Full Rate Production (FRP) Decision									
FRP Contract Award									
FRP (First Full Contract Award)									
Build II - Development and Integration									
Build II - Test plan and test methodology development									



Joint Biological Standoff Detection System (JBSDS) Increment 1

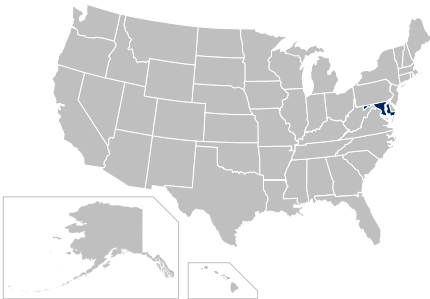
The Joint Biological Standoff Detection System (JBSDS) Increment 1 is the first joint standoff early warning biological detection (BD) system. The system will be capable of providing NRT detection (Detect to Warn) of biological attacks/incidents and standoff early warning detection/warning of BWAs at fixed sites or when mounted on stationary vehicles. It will be capable of providing standoff detection, ranging, tracking, and discrimination (man-made vs. naturally occurring aerosols) of BW aerosol clouds for advanced warning, reporting, and protection.

NSN: 6665015337148



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Science & Engineering Services
Columbia, MD



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

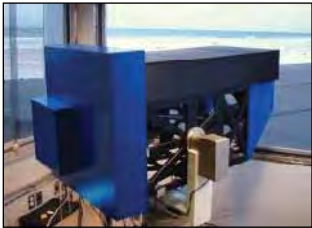
	FY09	FY10	FY11
Increment 1 JBSDS LRIP	■	■	
Increment 1 JBSDS Full Material Release		■	
Increment 1 JBSDS First Unit Equipped (FUE)		■	
Increment 1 JBSDS FRP		■	

Joint Biological Standoff Detection System (JBSDS) Increment 1



Joint Biological Standoff Detection System (JBSDS) Increment 2

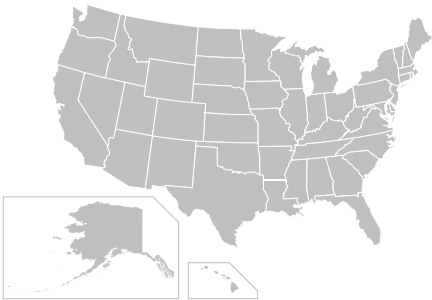
The JBSDS Increment 2 system will provide 24/7 NRT detection (Detect to Warn) and will network with existing BD systems to provide early warning theater-wide to limit the effects of biological agent hazards against U.S. forces at the tactical and operational levels of war. The JBSDS Increment 2 will be employed in support of various areas (e.g., fixed sites, Air Ports of Debarkation/ Sea Ports of Debarkation, Forward Operating Bases, amphibious landing sites, etc.) on platforms or stationary vehicles. JBSDS Increment 2 will pass detection information and warnings through existing and planned communications networks (e.g., Joint Warning and Reporting Network (JWARN)).



NSN: 6665015337148

CONTRACTOR(S)/GOVERNMENT PERFORMERS

TBD - In development



SCHEDULE

	FY09				FY10				FY11			
Increment 2 Science and Technology	■	■	■	■								
Increment 2 Pre-MS B	■	■	■	■	■	■	■	■				
Increment 2 MS B						■	■	■				
Increment 2 Engineering and MDD									■	■	■	■

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			



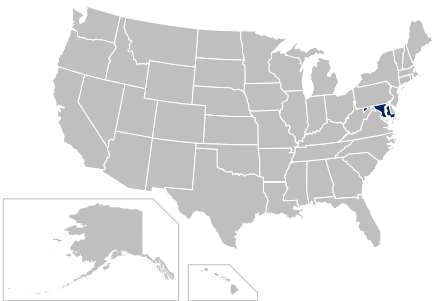
Joint Biological Tactical Detection System (JBTDS) Increment 1

The Joint Biological Tactical Detection System (JBTDS) ACAT III program will be a lightweight biological agent system that will detect, warn, and provide presumptive identification and samples for follow-on confirmatory analysis. JBTDS will provide a local alarm, and when networked, provide cooperative capability with reduced probability of false alarms. The JBTDS will be one-man-portable and capable of being battery operated. The JBTDS will be employed organically at the wing, battalion, squadron, and lower levels by non-CBRN personnel in tactical environments across multiple operational locations (e.g., forward operating bases, operationally engaged units, amphibious landing sites, air base operations, etc.) to provide NRT detection of biological attacks and notification to personnel in the potential hazard area. JBTDS will ultimately support force protection and maximize combat effectiveness by enhancing medical response decision making. When networked, JBTDS will augment existing BD systems to provide a theater-wide, seamless array capable of detection and warning.

NSN: Unavailable

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Johns Hopkins University
Applied Physics Laboratory
Columbia, MD



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

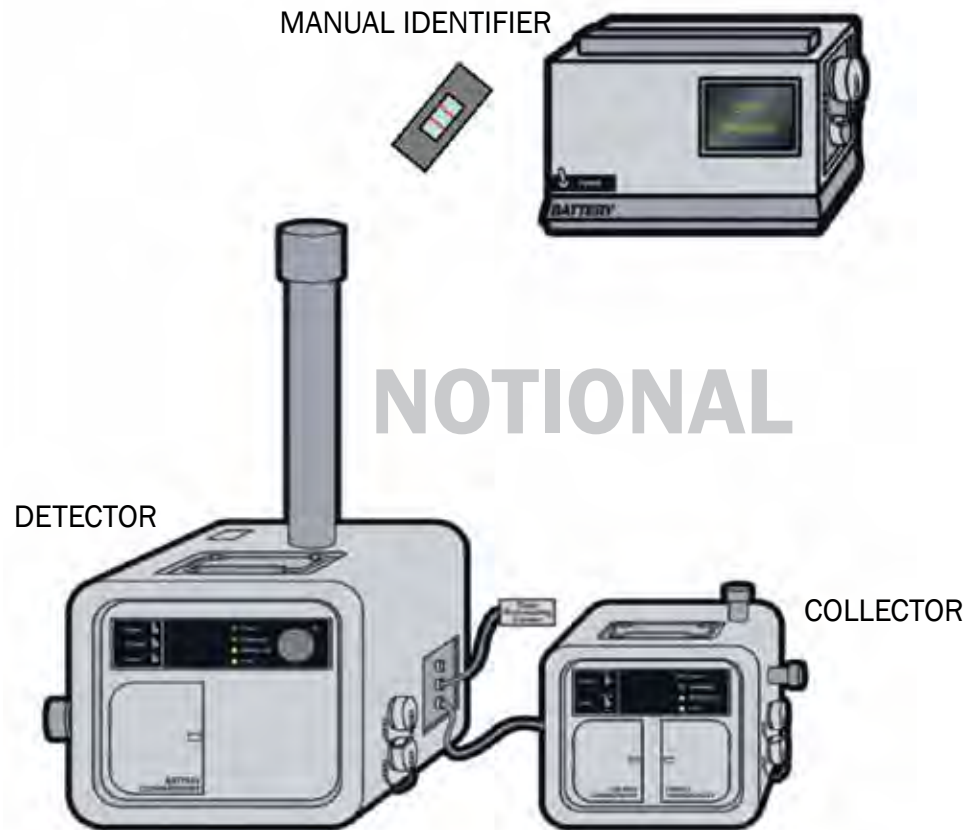
Other Agencies

Academia

Foreign Military

SCHEDULE

	FY09				FY10				FY11			
MDD												
MS A Decision												
Competitive Prototyping Contract Award												
Competitive Prototyping Testing												
Capability Development Document (CDD)												
PDR												
MS B Decision												
Contract Award (Engineering and Manufacturing Development (EMD) option)												
Developmental Testing (DT)												





JPM Collective Protection

1333 Isaac Hull Avenue SE
Washington Navy Yard
Washington, D.C. 20376-5150
(540) 653-2719
DSN 249-2719

JPM Collective Protection (JPM-ColPro)

Provides collective protection to Warfighters and their equipment in support of military missions and operations as a seamless, integrated sub-system to all manner of platforms that utilize state-of-the-art chemical, biological, and radiological (CBR) protective technologies. Researches, develops, procures, fields, disposes of, and provides sustainment guidance for collective protection equipment and systems that protect personnel and equipment within protected areas from CBR threats and toxic industrial materials (TIM).

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Chemical and Biological Protective Shelter (CBPS)

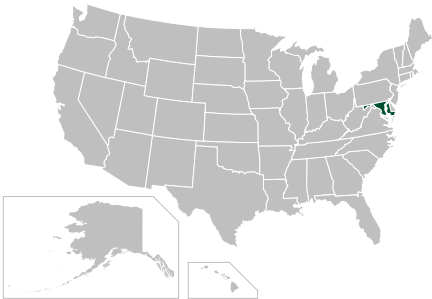
The Chemical and Biological Protective Shelter (CBPS) is a mobile, rapidly deployable shelter system for Level I and II forward area medical treatment facilities and forward surgical teams. The CBPS program is currently undergoing an engineering change to an electrically powered system on an up-armored M1085A1P2 Medium Tactical Vehicle (CBPS M8E1). CBPS M8 consists of a dedicated M1113 HMMWV Lightweight Multipurpose Shelter (LMS) mounted onto the vehicle, an airbeam-supported CB-protected shelter, and a High Mobility Trailer with a towed 10kw Tactical Quiet Generator Set. The HMMWV and LMS transport a crew of four. The CB shelter is environmentally conditioned by a hydraulically powered environmental support system, which provides filtered air, heating, air conditioning, and electrical power.

NSN:5410014418054 (GREEN); 5410014824633 (TAN)



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Smiths Detection
Edgewood, MD



SCHEDULE	FY09				FY10				FY11			
M8E1 Contract MOD (1-Prime)												
M8E1 First Article Test (FAT)												
M8E1 Production												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

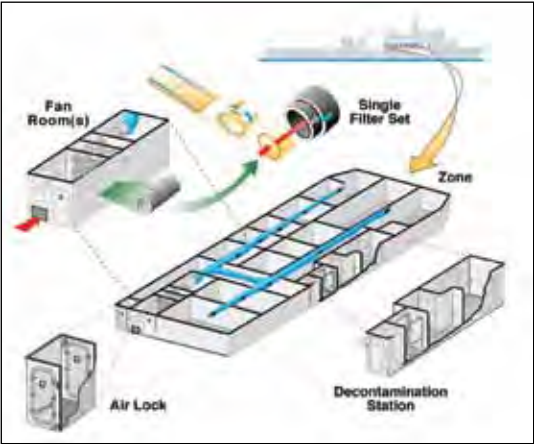
Chemical and Biological Protective Shelter (CBPS)



Collective Protection System Backfit (CPS-BKFT) Program

The Collective Protection System Backfit (CPS-BKFT) Program was created to provide additional collective protection capabilities to existing amphibious class ships, allowing personnel to perform mission critical operations in a CBR environment. Backfit consists of M98 Gas-Particulate Filter Sets, pre-filter bags, filter housings, vane axial fans, fan rooms, air locks, pressure gauges, zone pressure relief valves, zone alarms, control panels, and a decontamination station.

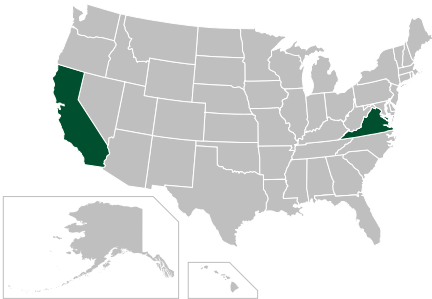
NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Metro Machine Corporation
Norfolk, VA

National Steel & Shipbuilding Company (NASSCO)
San Diego, CA



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

	FY09				FY10				FY11			
LSD-42 Germantown-Combat Information Center (CIC), Crew												
LSD-41 Whidbey Island-CIC, Crew												
LSD-43 Fort McHenry-CIC, Crew												

Collective Protection System Backfit (CPS-BKFT) Program



Collectively Protected Field Hospital (CPFH)

The Collectively Protected Field Hospital (CPFH) program procures collective protection systems for each Service's field hospitals (Army – Deployable Medical Systems (DEPMEDS); Air Force – Expeditionary Medical Support (EMEDS); and Navy – Expeditionary Medical Facility (EMF)). This provides a capability to sustain medical treatment in a CBR-contaminated environment. The items being procured for CPFH are packages/assemblages that can be more than 80 separate line items.

The Army's DEPMEDS integrates environmentally controlled collective protection elements into the 16 foot, 32 foot, 48 foot, and 64 foot Tent Extendable Modular Personnel (TEMPER). Major components: M28 Collective Protection Equipment: modular CB-protective liner sections, M28 support kit (includes motor blower), hermetically sealed filter canisters, recirculation filters, pressurized protective entrance (airlock), tunnel airlock litter patients, power, CBR-protected water system, low pressure alarms, and CBR-protected lavatory/latrine facilities for patients and staff.

The Air Force's EMEDS integrates environmentally controlled collective protection elements into the U.S. Air Force's 32 foot Small Shelter System with collective protection equipment, including major components: modified M28 Collective Protection Equipment liner sections, Field Deployable Environmental Control Units, or as a substitute, the Lightweight Environmental Control Unit 400 cubic feet per minute Fan Filter Assemblies, Bump through Door Airlocks, M98 Gas Particulate Filter Sets, and Collectively Protected Expeditionary Latrine.

The Navy's EMF provides collective protection capability to currently fielded EMF hospital shelters in order to sustain medical operations for 72 hours in a CB-contaminated environment. The toxic free area created by the collective protection allows medical treatment to be rendered to personnel without the encumbrance of individual protective equipment (IPE).

NSN: 541001479 9727/9730

SCHEDULE	FY09			FY10			FY11		
Chemically Protected Deployable Medical Systems (CP DEPMEDS) Procurement									
Chemically Hardened Expeditionary Medical Facility (CH EMF) Procurement									



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

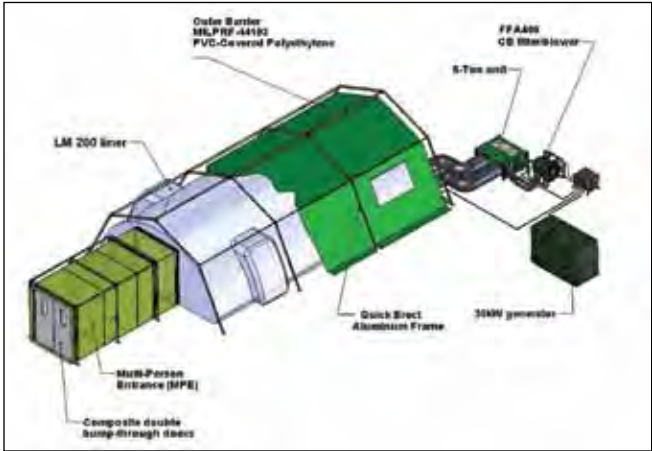
Collectively Protected Field Hospital (CPFH)



Joint Expeditionary CP Shelter (JECP)

The purpose of the JECP is to develop and field a modular and transportable collective protection Family of Systems (FoS) for the Joint Expeditionary Forces (JEF) that protects personnel and infrastructure from CBR-contaminated environments during Rest and Relief, Command and Control (C2), and Medical missions. Air purification (active and passive): M98 filters for overpressure (active) systems, triosyn filter panels for nonpressurized (passive) systems. Barrier protection: LM 200 barriers for tent kits, single skin CB barrier for outer skin of stand-alone systems. Ingress/Egress: Single person entrance and Multi-Purpose entrance.

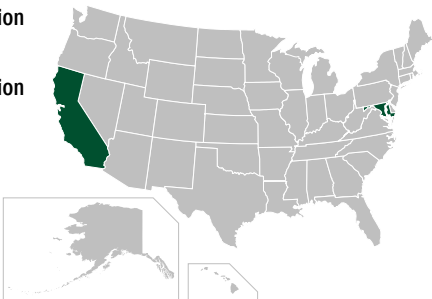
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CONTRACTOR(S)/GOVERNMENT PERFORMERS

Science Applications International Corporation
San Diego, CA

Science Applications International Corporation
Abingdon, MD



SCHEDULE

	FY09				FY10				FY11			
Prototype System Development & Testing												
Production Qualification Testing (PQT)												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			





**JPM Nuclear, Biological, and Chemical
Contamination Avoidance**

5183 Blackhawk Road
Building E4465
Aberdeen Proving Ground, MD 21010-5424
(410) 436-2566
DSN 584-2566

JPM Nuclear, Biological, and Chemical Contamination Avoidance (JPM-NBC CA)

Provides advanced detection, warning, and identification of contamination on personnel and equipment and monitoring for the presence of chemical warfare agent (CWA) contamination. The JPM-NBC CA also provides the capability to detect and measure nuclear radiation from fallout and radioisotopes.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Joint Chemical Agent Detector (JCAD) [M4/M4E1 JCAD]

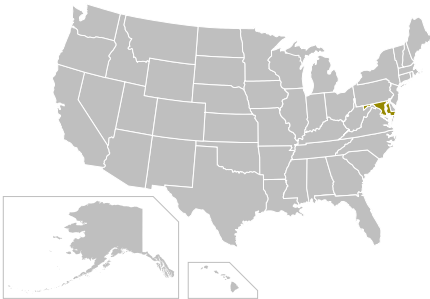
The Joint Chemical Agent Detector (JCAD) program employs an incremental acquisition strategy to develop a miniaturized, rugged, and portable point chemical agent detector that automatically and simultaneously detects, identifies, quantifies, and alerts in the presence of nerve, blister, and blood CWAs. The M4 JCAD entered FRP in September 2008 and will be produced through FY10. The attainable JCAD Increment 2 capabilities within the JCAD Increment 1 objectives were incorporated into a product improvement of the M4 JCAD (M4E1). Production of the M4E1 is scheduled to begin in FY11. JCAD will be used for wheeled vehicles, stand alone, and individual Soldier applications. The M4 JCAD will replace the M8A1 Automatic Chemical Agent Alarm (ACAA) and the M22 Automatic Chemical Agent Detector and Alarm (ACADA). The M4E1 may additionally replace the Chemical Agent Monitor (CAM), Improved Chemical Agent Monitor (ICAM), and other legacy systems currently used by the individual Services.

NSN: 6665015522704



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Smiths Detection
Edgewood, MD



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

SCHEDULE

	FY09				FY10				FY11			
LRIP Contract Award												
Customer Testing												
DT												
Operational Testing (OT)												
Production Cut-in Decision												
Future Generation Chemical Point Detection- MDD												
Future Generation Chemical Point Detection- MS A												
Future Generation Chemical Point Detection- Prototype Development and Demonstration												



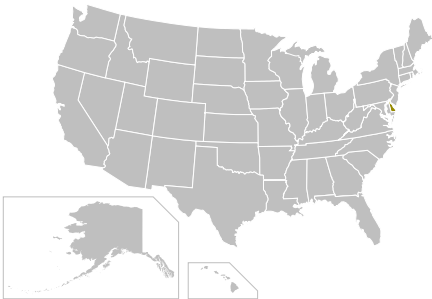
Joint Chemical, Biological, and Radiological Agent Water Monitor (JCBRAWM)

The Joint Chemical, Biological, and Radiological Agent Water Monitor (JCBRAWM) will provide the ability to detect, identify, and quantify CBR contamination during three water monitoring missions: source site selection/reconnaissance, treatment verification, and quality assurance of stored and distributed product water. The JCBRAWM program employs an evolutionary acquisition approach structured to provide four increments of capability. Increment 1 will provide the capability to detect two biological agents using immunoassays and to detect alpha and beta radiation using components of the fielded AN/PDR77 system and accessory package. The follow-on JCBRAWM Increments are planned to enhance detection of additional CBR agents, to include replacement of the M272 Water Test Kit and in-line monitoring capability.

NSN: 6665-01-134-0885

CONTRACTOR(S)/GOVERNMENT PERFORMERS

ANP Technologies
Newark, DE



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

	FY09				FY10				FY11			
MS C Increment 1 FRP decision												
Initial Operational Capability (IOC) Increment 1												
Development Test Increment 2												
Increment 1 FRP												

Joint Chemical, Biological, and Radiological Agent Water Monitor (JCBRAWM)



CBRN Dismounted Reconnaissance Sets, Kits and Outfits (CBRN DR-SKO)

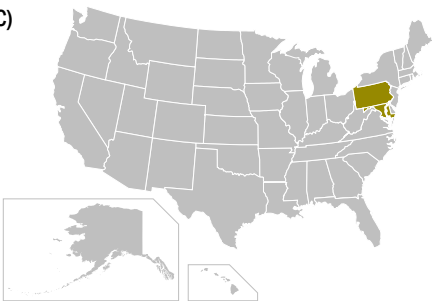
The Joint Nuclear Biological and Chemical Reconnaissance System (JNBCRS) Increment 2 objectives include identifying potential WMDs and/or WMD precursors and determining levels of protection required to access or inhabit a sensitive site. The system supports dismounted reconnaissance, surveillance, and CBRN site assessment missions to enable more detailed CBRN information reports for commanders. These site locations may be enclosed or confined, and therefore are otherwise not accessible by traditional CBRN reconnaissance mounted platforms. CBRN site assessments provide situational awareness to planners in determining if more thorough analysis such as sensitive site exploitation (SSE) is required to mitigate risks or gather intelligence on adversaries' CWAs, BWAs, or TIM capabilities.

NSN: Unavailable

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Edgewood Chemical Biological Center (ECBC)
Edgewood, MD

ICx Agentase
Pittsburgh, PA



SCHEDULE

	FY09				FY10				FY11			
JNBCRS Increment 2 DR SKO MS C LRIP												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

CBRN Dismounted Reconnaissance Sets, Kits and Outfits (CBRN DR-SKO)

DR-SKO Notional Equipment Set



Sabre 4000



CDS Kit
Draeger Tubes



IdentIFINDER



Draeger AirBoss
PSS 100 Plus



Universal
Pressure Kit

XM328
CBRN Marking Kit



MultiRae Plus



Kestrel
4500



AN/UDR-14
RADIAC



Motorola
XTS2500i



AHURA
First Defender



Calibration Gases



HazMat ID



Yanmar Generator 5.5kw



QuickSilver
Analytics (QSA) 102



Individual Protective
Equipment - Shower



Protective Gear
with JCAD



HazMaster G3



Collapsible
Cart



Bio Capture 650



JPM Decontamination

50 Tech Parkway
Stafford, VA 22556
(703) 617-2400
DSN 767-2400

JPM Decontamination (JPM-Decon)

Uses an evolutionary acquisition strategy to support the Warfighter, providing a constant insertion of enhanced capabilities. In addition, JPM-Decon offers a FoS inventory consisting of decontaminant and applicator components that can be tailored into the desired configuration and are specifically adapted to work together to decontaminate current and emerging threats. By tailoring the Decontamination Family of Systems (DFoS) to fit the requirement, the Warfighter is provided with enhanced decontamination capability that maximizes throughput and reduces the logistics footprint.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

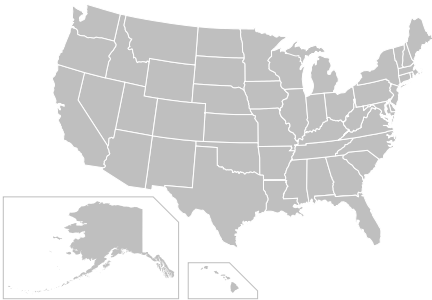
Human Remains Decontamination System (HRDS)

The Human Remains Decontamination System (HRDS) will provide the capability to protect personnel handling and processing CB warfare agents and Contaminated Human Remains (CHR) and the capability to repatriate CWA and BWA CHR. The HRDS Increment I will contain CWA and BWA contaminated remains from point-of-fatality to the Mortuary Affairs Decontamination Collection Point (MADCP), reduce/eliminate the hazard from contaminated remains, and contain remains post-MADCP operations during storage and transportation via military airlift and/or commercial aircraft.

NSN: Unavailable

CONTRACTOR(S)/GOVERNMENT PERFORMERS

TBD



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

SCHEDULE

	FY09				FY10				FY11			
MDD												
Analysis of Alternatives (AoA)												
MS A												
Contaminated Human Remains Transfer (CHRT) Market Survey												
Document preparation, technical support and test planning												

Human Remains Decontamination System (HRDS)



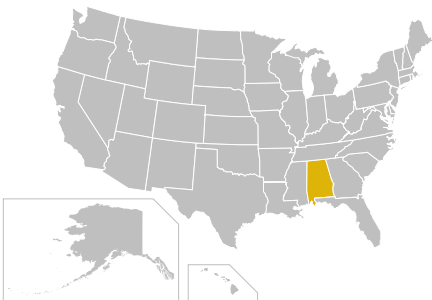
Joint Material Decontamination System (JMDS)

The Joint Material Decontamination System (JMDS) will provide the ability to decontaminate CB warfare agents from sensitive equipment and platform interiors without degrading the equipment. The JMDS program is a management umbrella for the Joint Service Sensitive Equipment Decontamination (JSSED) and Joint Platform Interior Decontamination (JPID) programs of record. The JMDS will address non-traditional agents (NTA) and evolving threats in future JMDS upgrades.

NSN: Unavailable

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Teledyne Brown Engineering
Huntsville, AL



SCHEDULE

	FY09				FY10				FY11			
Production JMDS Wipe												
JSSED/JMDS System Development												
JSSED/JMDS Developmental Test												
JPID/JMDS Competitive Prototype												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Storage: Interlocking Hardigg-type cases

**1. "RSE" mode
(JSSED)**

Decontamination of sensitive equipment; can be used in a decontamination line



**3. "NRSE-L" mode
(JPID-Large)**

Large decontamination:
eg rooms, aircraft cargo bays, radar rooms



2. "NRSE-T" mode (JPID-Tactical)

Tactical decontamination: eg vehicles / aircraft

**Eight Total
Modules:**

- Vaporizer
- Aeration Unit
- Accessories Case
- RSE Chamber
- Control module*
- Bottle module*
- Power conversion module*
- Radiological decon module*
- *(not shown)



Joint Service Transportable Decontamination System - Small Scale (JSTDS-SS)

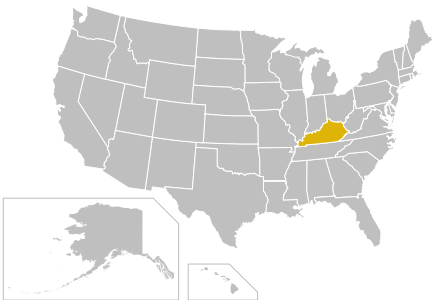
The Joint Service Transportable Decontamination System - Small Scale (JSTDS-SS) Increment I is an ACAT III Joint Program utilizing an evolutionary acquisition strategy. It leverages available capabilities by fielding a modified Commercial Off-the-Shelf (COTS) capability. The mission of the JSTDS-SS is to conduct operational decontamination and support thorough decontamination operations.

NSN: 4230015550686



CONTRACTOR(S)/GOVERNMENT PERFORMERS

DRS Technologies
Florence, KY



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

	FY09			FY10			FY11		
Live Agent Testing									
FRP									
IOC									

Joint Service Transportable Decontamination System - Small Scale (JSTDS-SS)





JPM Guardian

5109 Leesburg Pike

Skyline #6

Falls Church, VA 22041

(703) 681-7773

DSN 761-7773

JPM Guardian (JPM-Guardian)

Provides conventional and non-conventional detection, analysis, communications, protection, response, and survey capabilities in support of installation force protection, civil support teams (CST), reserve reconnaissance and decontamination platoons, tactical units, and civil authorities.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SENSE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SENSE
Respiratory and Ocular Protection	SENSE
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities
Installation Protection
Force Protection Systems
Consequence Management
Joint Operations Support CBRNE
Joint Force Protection Advanced Security Systems

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Threat Detection and Analysis	SHAPE
Threat Identification	SUSTAIN
Threat Assessment	SHIELD
Threat Protection	SUSTAIN
Threat Mitigation	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Chemical, Biological, Radiological and Nuclear Installation Protection Program (CBRN IPP)

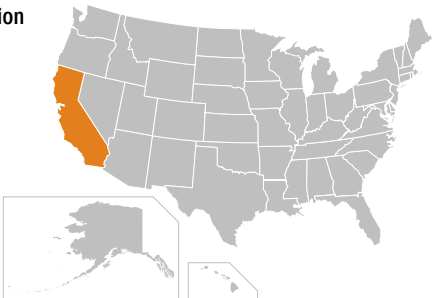
The Chemical, Biological, Radiological and Nuclear Installation Protection Program (CBRN IPP) is a post-MS C DoD acquisition program that provides an integrated and tailored CBRN protection and response capability to DoD installations worldwide. The program fields only production-mature government off-the-shelf and COTS items that meet specified requirements and standards. The requirements for CBRN IPP are defined in the JRO-CBRND memorandum, subject: CBRN Installation Protection Urgent Requirements Capability Document (URCD), dated October 14, 2003.

The operational concept of the URCD is to provide the installation commander the capability to protect personnel, maintain critical mission operations, and resume essential operations as quickly as possible. In May 2007, the DoD directed CBRN IPP to implement a three-tiered approach to fielding CBRN installation protection capabilities within an all-hazards framework, improve military-civilian interoperability, and provide a baseline tier of non-materiel solutions for all DoD installations/activities.



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Science Applications International Corporation
San Diego, CA



NSN: Not Assigned Yet

SCHEDULE

	FY09			FY10			FY11		
Installation Fielding									

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Global Information Grid
Reachback Response Enhances
Mil-Civ Interoperability

CBRN INSTALLATION PROTECTION PROGRAM LAYERED PROTECTION

BASELINE

TRAINING PRODUCTS
EXERCISE SCENARIOS

TIER I

EMERGENCY RESPONSE
PHARMACEUTICALS
MASS NOTIFICATION

TIER II

COLLECTIVE PROTECTION
DECISION SUPPORT
CHEM/BIO SENSORS
RAD PORTAL MONITORS



Unified Command Suite (UCS)

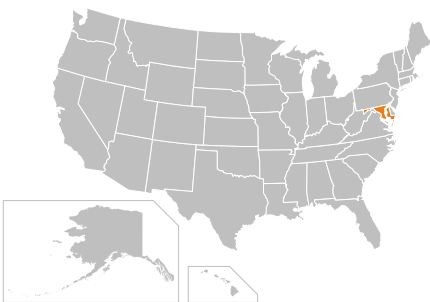
The Unified Command Suite (UCS) is an air transportable, self-contained communications system mounted into a rapidly deployable, ground-mobile, medium-duty truck. The UCS deploys throughout the United States and its overseas territories or possessions in urban, rural, and remote locations on improved hard-surface roads. The system provides the commanders of the WMD Response Forces with continuous, reliable, short-, and long-range communications between the Consequence Management Team (CMT) and higher echelon civilian and military operational commanders' Incident Command Posts (ICP).

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

SCR
St. Inigoes, MD



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

	FY09	FY10	FY11
System Methodologies Development	■		
Technology Evaluation	■		
System Architecture Development		■	
Bio-Collection/Detection Evaluation		■	



Common Analytical Laboratory System (CALS)

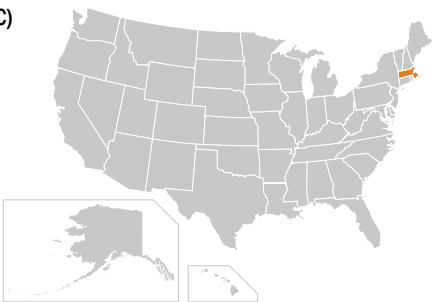
Common Analytical Laboratory System (CALS) is an integrated suite providing the capability for field confirmatory analytics to support multiple users and missions. CALS will provide the analytical capability to detect and identify chemical, biological, radiological, nuclear, and (high-yield) explosive (CBRNE) agents and threats; assist field commanders in making risk management decisions about force or public protection measures to minimize the effects of the threat; operate globally with qualified personnel and procedures and adequate sustainment trail to support the mission; and accept and prepare samples and analyze and report findings while safely handling and tracking materials.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Edgewood Chemical Biological Center (ECBC)
Edgewood, MD



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

SCHEDULE	FY09				FY10				FY11			
Development												
Program Initiation												
Design, Development and Integration												
MDD												
MS A												

CALS VISION

Common Analytical Laboratory System





Joint Product Manager Joint Operations Support CBRNE

5183 Blackhawk Road
Aberdeen Proving Ground, MD 21010-5424
(410) 417-2050
DSN 867-2050

Joint Product Manager Joint Operations Support CBRNE (JPM-JOSC)

The JPM-JOSC executes rapid procurement, integration and sustainment of 20th Support Command (SUPCOM) (CBRNE) and other DoD CBRNE rapid response units with unique CBRNE capabilities in support of the Warfighter and Homeland Defense Security missions. It serves as the single acquisition integrator for the 20th SUPCOM (CBRNE).



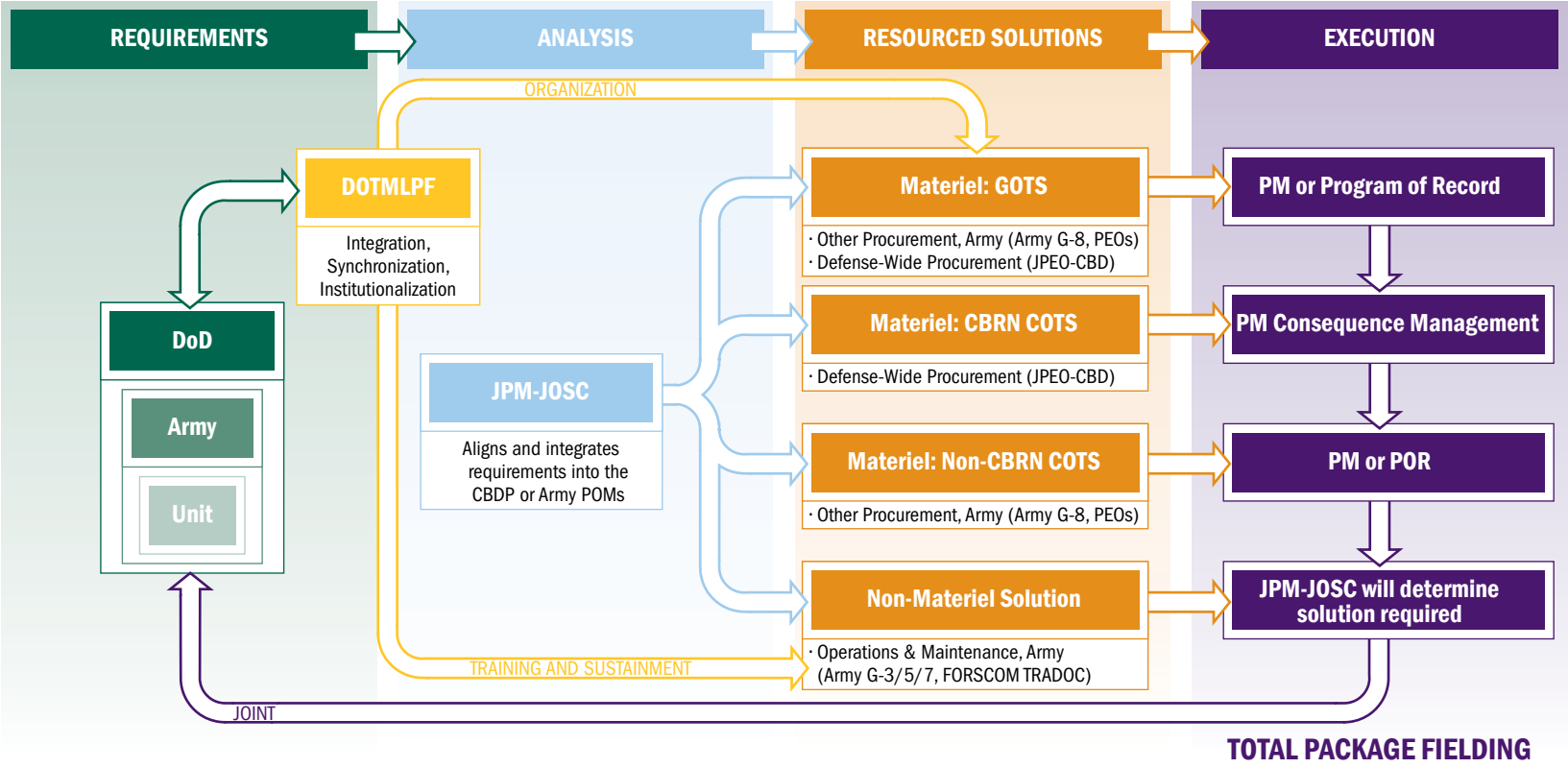
On February 27, 2009, the JPEO-CBD and the JPM-Guardian stood up the JPM-JOSC, located at Aberdeen Proving Ground (APG)-Edgewood Area, MD. The JPM-JOSC serves as the single acquisition integrator for the 20th SUPCOM CBRNE, rapidly executing acquisition, integration, and sustainment of the 20th SUPCOM and other DoD CBRNE rapid response units with unique CBRNE capabilities. The JPM-JOSC's efforts ultimately support both the Warfighter and Homeland Defense Security missions.

The JPM-JOSC is unique within the CB defense community, as they are an embedded Product Manager that supports the 20th SUPCOM CBRNE as a weapon system. Their direct access to the Warfighter and expertise positions them strategically to facilitate the development of CBRNE products and capabilities throughout the acquisition lifecycle. The JPM-JOSC achieves this facilitation by aligning and integrating requirements into the CBDP or Army Program Objective Memoranda (POM).

In FY 2010, the JPM-JOSC plans to continue partnering with the 20th SUPCOM CBRNE, JPM-Guardian, JPEO-CBD, JRO-CBRND, and the Defense Threat Reduction Agency (DTRA) to facilitate the development of requirements, develop and transition technology, and equip the 20th SUPCOM. The JPM-JOSC will perform these functions to meet emerging mission requirements and provide improved information management and decision support capabilities.



JPM-JOSC CONCEPT OF OPERATIONS





JPM Individual Protection

50 Tech Parkway
Stafford, VA 22556
(703) 617-2400
DSN 767-2400

JPM Individual Protection (JPM-IP)

Provides our nation's Warfighters with IPE required to effectively conduct combat operations in a CB environment. The JPM-IP pursues respiratory protection technologies that provide greater protection, reduce breathing resistance, and ensure compatibility with current and future combat weapon systems. The JPM-IP also develops and procures suit technologies that will result in lighter, less cumbersome, but equally protective next generation suits for ground and aviation personnel.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

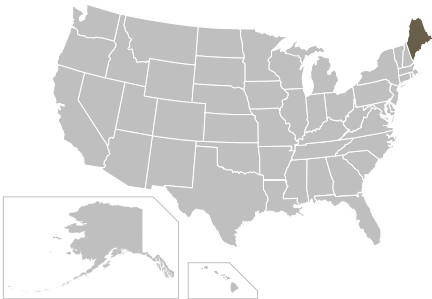
Joint Protective Aircrew Ensemble (JPACE)

The Joint Protective Aircrew Ensemble (JPACE) Chemical Protective Clothing (CPC) is a one-piece garment that is flame resistant and provides protection from CB warfare agents and radiological particles. The JPACE CPC is intended for aviators and aircrew in both fixed wing and rotary wing communities and is available in Class 1 Sage Green (U.S. Navy, U.S. Marine Corps, and U.S. Coast Guard) and Class 3 Universal Camouflage (U.S. Army). The coverall includes the garment, fabricated with an outer shell with carbon lining. When worn in conjunction with CB protective gloves, footwear, and masks, the JPACE CPC provides complete percutaneous, ocular, and respiratory protection against CB warfare agents. For wearers of face seal type masks, a neck insert will be issued to increase CB protection at the mask/garment interface.

NSN: multiple NSNs

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Creative Apparel Associates
Belfast, ME



SCHEDULE

	FY09			FY10			FY11		
FRP TYPE III									

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Joint Protective Aircrew Ensemble (JPACE)



Joint Service Aircrew Mask, Apache (JSAM Apache)

The Joint Service Aircrew Mask (JSAM) Apache is part of a FoS that provides head, eye, respiratory, and CB protection for U.S. Army AH-64A/D Apache aircrew. JSAM will be fielded in four increments and replace six aircrew respirators currently in the DoD inventory. All increments provide the same core CB protective capabilities but are tailored to be compatible with different classes of aircraft.

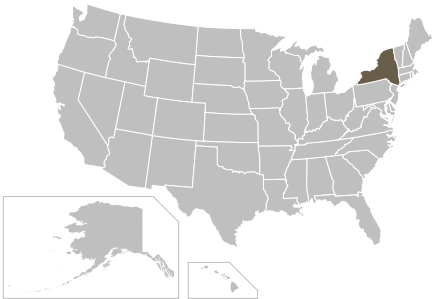
The Apache JSAM Mask Protective Unit (MPU)-6 is compatible with the Integrated Helmet and Display Sighting System (IHADSS) used in AH64A/D attack helicopters. It will replace the M48, which is currently in use.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

AVOX Systems
Lancaster, NY



SCHEDULE	FY09			FY10			FY11		
Operational Test and Evaluation (OT&E) MPU-5 Apache									
MS C FRP Decision MPU-5 Apache									
IOC MPU-5 Apache									

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Joint Service Aircrew Mask, Apache (JSAM Apache)



Joint Service Aircrew Mask, Fixed Wing Variant (JSAM FW)

The JSAM is part of a FoS that provides head, eye, respiratory, and CB protection in most DoD aircraft and is scheduled to replace six aircrew respirators currently in the DoD inventory. JSAM will be fielded in four increments. All increments provide the same core CB protective capabilities but are tailored to be compatible with different classes of aircraft.

The JSAM Fixed Wing (FW) provides face, eye and respiratory protection from battlefield concentrations of CB agents, toxins, TIMs, and radioactive particulate matter. The two Mask Breathing Units (MBU) under the Fixed Wing JSAM Increment are:

- MBU-25 – non-Pressure Breathing for Gz (PBG)
- MBU-26 – PBG

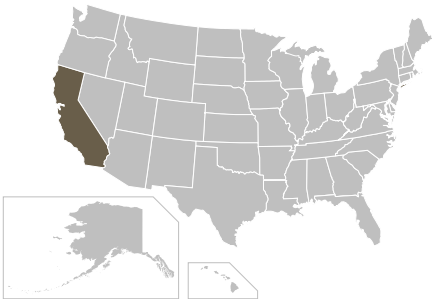
When integrated with antigravity (anti-G) equipment, the MBU-25 and MBU-26 each provide simultaneous CB protection and anti-G increased tolerance to aircrew in high performance aircraft.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Gentex Corporation
Rancho Cucamonga, CA



SCHEDULE

	FY09				FY10				FY11			
DT MBU-25/26 FW												
MS C (LRIP) MBU-25/26 FW												
OT&E MBU-25/26 FW												

USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

Joint Service Aircrew Mask, Fixed Wing Variant (JSAM FW)



Joint Service Aircrew Mask, Rotary Wing Variant (JSAM RW)

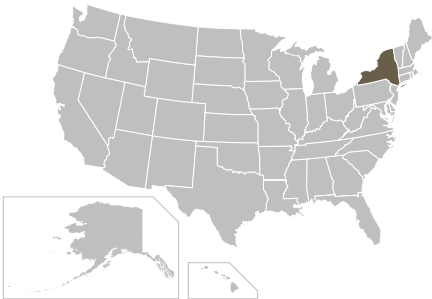
The JSAM is a FoS that provides head, eye, respiratory, and CB protection in most DoD aircraft. The JSAM Rotary Wing (RW) MPU-5 is capable of being donned and doffed while in flight and is compatible with portable oxygen systems used in Army aircraft.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

AVOX Systems
Lancaster, NY



SCHEDULE

	FY09				FY10				FY11			
DT MPU-6 RW												
MS C LRIP Decision MPU-6 RW												
OT&E MPU-6 RW												
MS C FRP MPU-6 RW												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Joint Service Aircrew Mask, Rotary Wing Variant (JSAM RW)



Joint Service General Purpose Mask (JSGPM) [M50, M51]

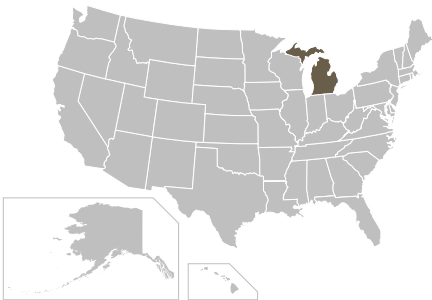
The Joint Service General Purpose Mask (JSGPM) is a lightweight, protective ground mask system – consisting of mask, carrier, and accessories – that incorporates state-of-the-art technology to protect U.S. Armed Forces from anticipated threats. The mask components are optimized to minimize impact on the wearer’s performance and to maximize its ability to interface with the Nuclear, Biological, and Chemical (NBC) Protective Future Ensemble. This mask replaces the M40/42 and MCU-2/P Series Masks and the M45 in the Land Warrior Program.

NSN: 424001512 4431/4434/4437 (M50); 424001512 4429/4435/4436 (M51)



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Avon Protection Systems, Inc. (M50, M51)
Cadillac, MI



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

SCHEDULE

	FY09				FY10				FY11			
Sorbent Testing												
Filter Qualification Testing												
Fielding Decision												
Market Survey Analysis												
Method Verification												
Candidate Screening												
Down-select												
Advanced Design Transition Assessments												

Joint Service General Purpose Mask (JSGPM)



Alternative Footwear Solutions (AFS) and Integrated Footwear System (IFS)

The Alternate Footwear Solutions (AFS) is a common over-boot system that meets all Service requirements. The compounded butyl rubber boot includes all layers required for CB protection and durability. The AFS is compatible with cold weather and other footwear that may be worn as supplemental over-layers for special missions and environments. The AFS provides up to 45 days of wear, with improved traction over the Black Vinyl Over-boot/Green Vinyl Over-boot, and can be donned/doffed while wearing CB gloves, mask, and overgarment.

The AFS Special Operations Variant (AFS-SV) provides Special Operations Forces (SOF) personnel with protection from CB and environmental contaminants when worn as part of a total CB ensemble. The AFS-SV is issued as part of the All Purpose-Personal Protective Ensemble (AP-PPE). It is compatible with equipment utilized in SOF-specific mission profiles and environments. The AFS-SV is also interoperable with existing special operations and joint operational CB defense equipment. The AFS-SV is composed of a CB barrier material upper and polyurethane outsole.

The Integrated Footwear System (IFS) is a CB protective sock system that is worn under normal combat footwear. The IFS is made from selectively permeable membrane materials and incorporates a Nomex elastic cuff.

NSN: 843001536 5413/5415/5416/5419/6808/6813/6818/6822/6881/6901

SCHEDULE

	FY09			FY10			FY11		
FRP									

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			



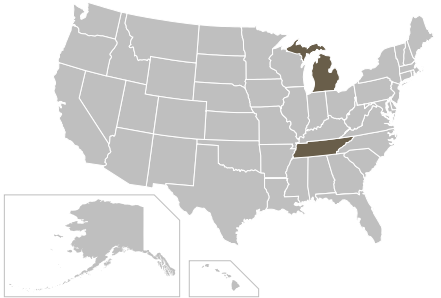
CONTRACTOR(S)/GOVERNMENT PERFORMERS

AFS:
AirBoss-Defense
Acton Vale, Quebec, Canada

AFS-SV:
Wolverine World Wide, Inc.
Rockford, MI

IFS:
Tennessee Apparel
Tullahoma, TN

AirBoss-Defense
Acton Vale, Quebec, Canada



Alternative Footwear Solutions (AFS) and Integrated Footwear System (IFS)



Joint Combat Chemical/Biological Coverall for Combat Vehicle Crewmen (JC3)

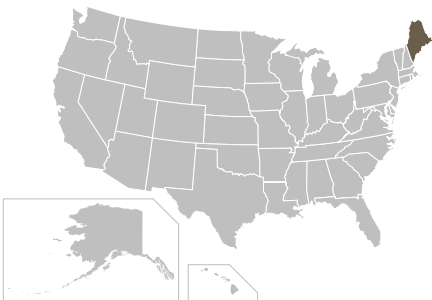
The Joint Chemical-Biological Coverall for Combat Vehicle Crewmen (JC3) is a single piece, lightweight, flame resistant garment that can be worn for up to 30 days and will provide 16 hours of CB protection. Requirements for the JC3 have derived primarily from the JPACE. JC3 will replace the use of the Joint Service Lightweight Integrated Suit Technology (JSLIST) Type VII garment for Combat Vehicle Crewmen (CVC). It can be worn over, or in place of, the CVC duty uniform in a CB environment. For wearers of face seal type masks, a neck insert will be issued with JC3 to increase CB protection at the mask/garment interface.

NSN: 8415-01-554-7184/7206/7248/7189/7208/7256/7191/7211/7254/7263/7196/7233/7257/7267/7201/7246/7261/7268

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Group Home Foundation, Inc.
Belfast, ME

AirBoss-Defense
Acton Vale, Quebec, Canada



SCHEDULE

FRP

FY09

FY10

FY11

USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

Joint Combat Chemical/Biological Coverall for Combat Vehicle Crewmen (JC3)



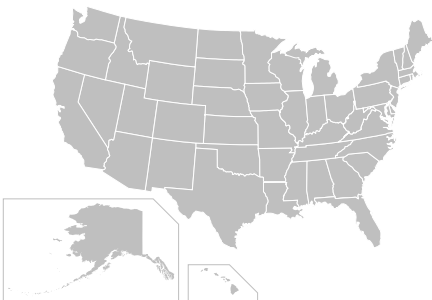
JSLIST Block 2 Glove Upgrade (JB2GU), Non-Flame Resistant (NFR)

The JSLIST Block 2 Glove Upgrade (JB2GU) Non-Flame Resistant (NFR) provides 24 hours of CB protection from battlefield concentrations of all known agents for up to 30 days of wear. It is a component of the JSLIST and JC3, offering greater durability that satisfies a broader spectrum of ground and shipboard requirements.

NSN: 8415-21-921-2165/2163/2167/2166/2170/2169/2172/2171

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Air Boss-Defense
Acton Vale, Quebec Canada



SCHEDULE

FRP	FY09				FY10				FY11			

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

JSLIST Block 2 Glove Upgrade (JB2GU), Non-Flame Resistant (NFR)



Joint Service Lightweight Integrated Suit Technology (JSLIST)

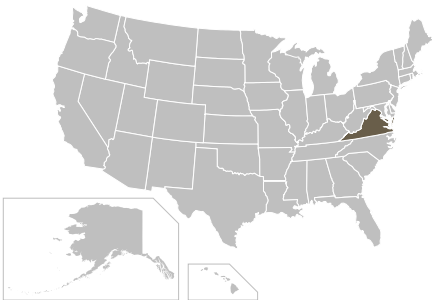
The JSLIST CB ensemble provides protection against CB warfare agents. The JSLIST garment is worn so that the trouser legs are fastened over the tops of the protective boots, the sleeve cuffs are secured and fastened over the gloves, and the hood is tied and secured around the edge of the mask. The JSLIST is made of an outer shell that is 50% nylon and 50% cotton poplin rip-stop material with a durable water-repellent finish. The liner layer consists of a non-woven front, laminated to activated carbon spheres and bonded to a tricot knit back that absorbs chemical agents. The garment is composed of two pieces (i.e., coat and trousers) and is manufactured in two distinct designs: Type II and Type VII. The Type II has a hood and is used for most applications. The Type VII has a stand-up collar and is used by Special Operations Personnel.

NSN: Woodland Coat: 8415-01-444-1163/1169/1200/1238/1249/1265/1270; 8415-01-509-8296; 8415-01-505-1241/1245; 8415-01-506-7546
Desert Coat: 8415-01-444-5902/5905/5913/5926/6116/6138/6131; 8415-01-509-8314; 8415-01-505-1616/1622; 8415-01-506-7710
Woodland Trouser: 8415-01-444-1435/1439/1613/2310/2308/2325/2338; 8415-01-509-8265; 8415-01-505-1274/1277; 8415-01-506-7698
Desert Trouser: 8415-01-444-5417/5504/5506/5893/5892/5898/5900; 8415-01-509-8269; 8415-01-505-1567/1591; 415-01-506-7713
Universal Camouflage Coat: 8415-15-01-553
Universal Camouflage Trouser: 8415-15-01-552



CONTRACTOR(S)/GOVERNMENT PERFORMERS

AbilityOne
Vienna, VA



SCHEDULE

	FY09				FY10				FY11			
FRP												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			



Chemical, Biological, Radiological and Nuclear Uniform Integrated Protective Ensemble (CBRN-UIPE)

The Chemical, Biological, Radiological and Nuclear Uniform Integrated Protective Ensemble (CBRN-UIPE) received approval to enter the Material Solution Analysis Phase in November 2009. The program is designed to provide incremental technologies with military utility that are modular in their function and are an improvement in form and fit over current systems. Joint Forces are required to conduct operations across the Range of Military Operations (ROMO) to include, but not limited to, conventional war, combating terrorism, peace enforcement, and peacekeeping. The intent of CBRN-UIPE is to improve Warfighter operational performance through the ROMO by minimizing physiological burden, logistical requirements, and exposure to CBRN/TIM hazards.

The Initial Capabilities Document (ICD), approved in March 2009, will support the full spectrum of conflict and consequence management operations encountered by the Joint Force Commander (JFC), to include emerging threats and CBRN/TIM hazards. Programs initiated under the ICD will provide a system of systems (SoS) or FoS that will protect the Warfighter from both traditional and non-traditional CBRN/TIM challenges in all phases of an operation while minimizing the reduction in individual Warfighter performance. The goal of programs initiated from the capabilities document is to fully integrate CBRN/TIM protection into an ensemble (to include protective garment, gloves, and boots as well as mask/helmet integration) identical in fit and form to the combat duty uniform, thus decreasing the Warfighter’s logistical load by reducing or eliminating the need for separate overgarments and air purifying respirators (APR). The operational capability defined in the ICD is applicable for the current Joint Force to 2025 according to current threat estimates.

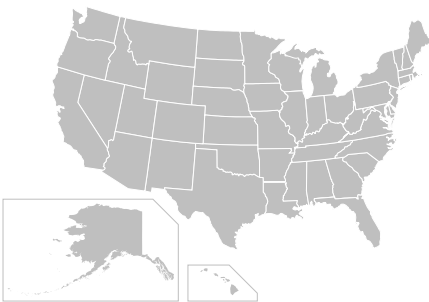
NSN: Unavailable

SCHEDULE	FY09			FY10			FY11		
MDD									

FY09 – Successfully completed MDD and received approval to enter into the Materiel Solution Analysis Phase (Pre MS A).
FY10 – Conduct and complete AoA. The Milestone Decision Authority for UIPE, the JPEO-CBD, approved the AoA Study Guidance in November 2009.

CONTRACTOR(S)/GOVERNMENT PERFORMERS

TBD



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Chemical, Biological, Radiological and Nuclear Uniform Integrated Protective Ensemble (CBRN-UIPE)





JPM Information Systems

4301 Pacific Highway
San Diego, CA 92110
(858) 537-0145
DSN 249-2719

JPM Information Systems (JPM-IS)

Provides the Warfighter with integrated early warning capability, an accredited hazard prediction model, and state-of-the-art consequence management and course of action analysis tools. The JPM-IS supports the Warfighter in the battle space by providing a modern Joint Services information system enterprise architecture and applications that shape the battle space against CBRN threats. The JPM-IS is uniquely suited to provide these capabilities based on experience in the modeling and simulation community, membership in the Program Executive Office C4I & Space, and a close working relationship with Space and Naval Warfare Systems Command.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Joint Effects Model (JEM)

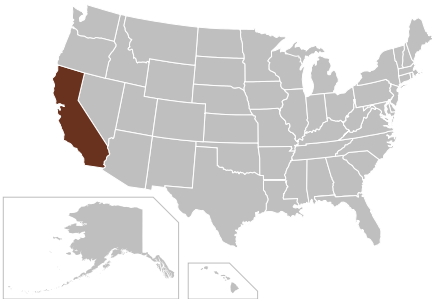
Joint Effects Model (JEM) is a Web-based application that supplies the DoD with one accredited tool to effectively model and simulate the effects of CBRN weapon strikes and incidents. JEM is capable of providing all Warfighters with the ability to accurately model and predict the time-phased impact of CBRN and Toxic Industrial Chemical (TIC)/TIM events and effects. JEM supports planning to mitigate the effects of WMDs and to provide rapid estimates of hazards and effects integrated into the Common Operational Picture (COP).



NSN: Unavailable

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Northrop Grumman
San Diego, CA



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

SCHEDULE		FY09				FY10				FY11			
Increment 1	P3I												
	Production and Deployment												
	IOC												
	Developmental Maintenance												
	Follow-on Test and Evaluation												
	MDD												
Increment 2	Technology Development												
	Analysis of Alternatives												
	ATA Study Plan Guidance/Study Plan												
	ATA (software specific AoA)												
	DT (Cont)												
	DT Government												
	User Assessments												
	MS A												
	Prototype development/testing												
	Capability Development Document												
	EMD												

Joint Warning and Reporting Network (JWARN)

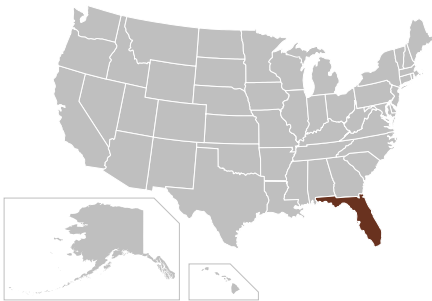
The JWARN is a computer-based application that connects CBRN sensors directly with Joint and Service C2 systems. It consists of software segments operating on the C2 systems and hardware elements that provide both the physical substrate for sensor connectivity and the architecture for a wired or wireless connection to the host C2 platforms. JWARN automatically receives alerts from the sensor network, generates a plot of the hazard area, displays it on the COP, and generates the warning message to units within the hazard area. It also provides the means to configure, monitor, and manage the sensor network.

JWARN replaces the current manual processes of incident reporting, hazard plot generation, and warning of affected forces. JWARN reduces the time from incident observation to warning to less than two minutes, enhances situational awareness throughout the Area of Action, and supports Warfighter battle management tasks. Future improvements will include an expanded set of C2 host platforms, improved toolset, increased automation and improved workflow, and an expanded set of developmental sensors.

NSN: Unavailable

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Northrop Grumman Information Technology
Orlando, FL



SCHEDULE

	FY09				FY10				FY11			
First Article Test	■											
MOT&E	■	■										
IOC (Software)						■	■					
FRP MS Decision						■						
FRP									■	■	■	■
Full Operational Capability (FOC)										■		
Initial OT&E (Hardware)							■					
IOC (Hardware)										■	■	■

USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military





JPM Chemical Biological Medical Systems

64 Thomas Johnson Drive
Frederick, MD 21702
(301) 619-7400
DSN 343-7400

JPM CB Medical Systems (JPM-CBMS)

Centrally manages and employs government and commercial best pharmaceutical development practices to oversee the Joint Vaccine Acquisition Program (JVAP) and Medical Identification and Treatment Systems. The JPM-CBMS remains the vanguard in rapidly providing safe, effective, and affordable CBRN MCMs to the Warfighter. This is accomplished by the JPM-CBMS' expertise in U.S. Food and Drug Administration (FDA) regulatory compliance, product development, full lifecycle management, and partnering with other governmental agencies and nations.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Anthrax Vaccine Adsorbed (AVA)

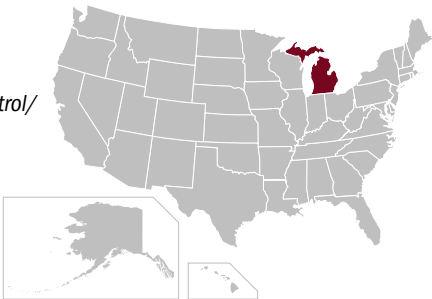
The Anthrax Vaccine Program provides the DoD with the Anthrax Vaccine Adsorbed (AVA), which is used to vaccinate and protect the Warfighter from potential exposure to *Bacillus anthracis*, the causative agent of anthrax. AVA is produced by Emergent BioSolutions and is FDA-approved. AVA is administered in a five dose regimen over an 18 month period with an annual booster dose. The DoD's AVA requirement is being met through an Interagency Agreement with the Strategic National Stockpile (SNS), a component of the U.S Department of Health and Human Services (DHHS). The DoD transfers funds on a quarterly basis to the SNS to pay for the replenishment of the stockpile from which anthrax vaccine doses are drawn.

NSN: 6505013996825



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Emergent BioSolutions (Bioport)
Lansing, MI
via Interagency Agreement with Strategic
National Stockpile/Centers for Disease Control/
Department of Health and Human Services



SCHEDULE

	FY09			FY10			FY11		
Other Bio Defense Medical Product Storage & Testing									
Procure Smallpox Vaccine									
Follow-on Award Contract - Anthrax Vaccine									

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

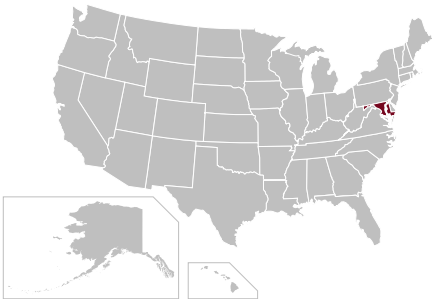


Bioscavenger Increment 2 (BSCAVII)

Nerve agents (e.g., soman, sarin, VX) are fast acting and lethal at low doses. Bioscavenger is a prophylactic that prevents incapacitation and death from exposure to nerve agents. The DoD is developing Bioscavenger in three increments. Bioscavenger Increment 1 is human butyrylcholinesterase (HuBChE), a naturally occurring protein isolated from human plasma. This product was developed as only an interim solution. Bioscavenger Increment 2 (BSCAVII) is a recombinant form of HuBChE produced in the milk of transgenic goats. More efficient and cost effective alternative technologies are also being explored for production of Bioscavenger Increment 2. FDA approval is planned for 2014. Bioscavenger Increment 3 will be catalytic Bioscavenger, which will actively degrade nerve agents without losing its own activity. This product is still in the technology base level of development. Because the technology for Increment 3 is immature, a candidate will not be ready for transition until late in the next decade.

CONTRACTOR(S)/GOVERNMENT PERFORMERS

PharmAthene, Inc.
Annapolis, MD



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

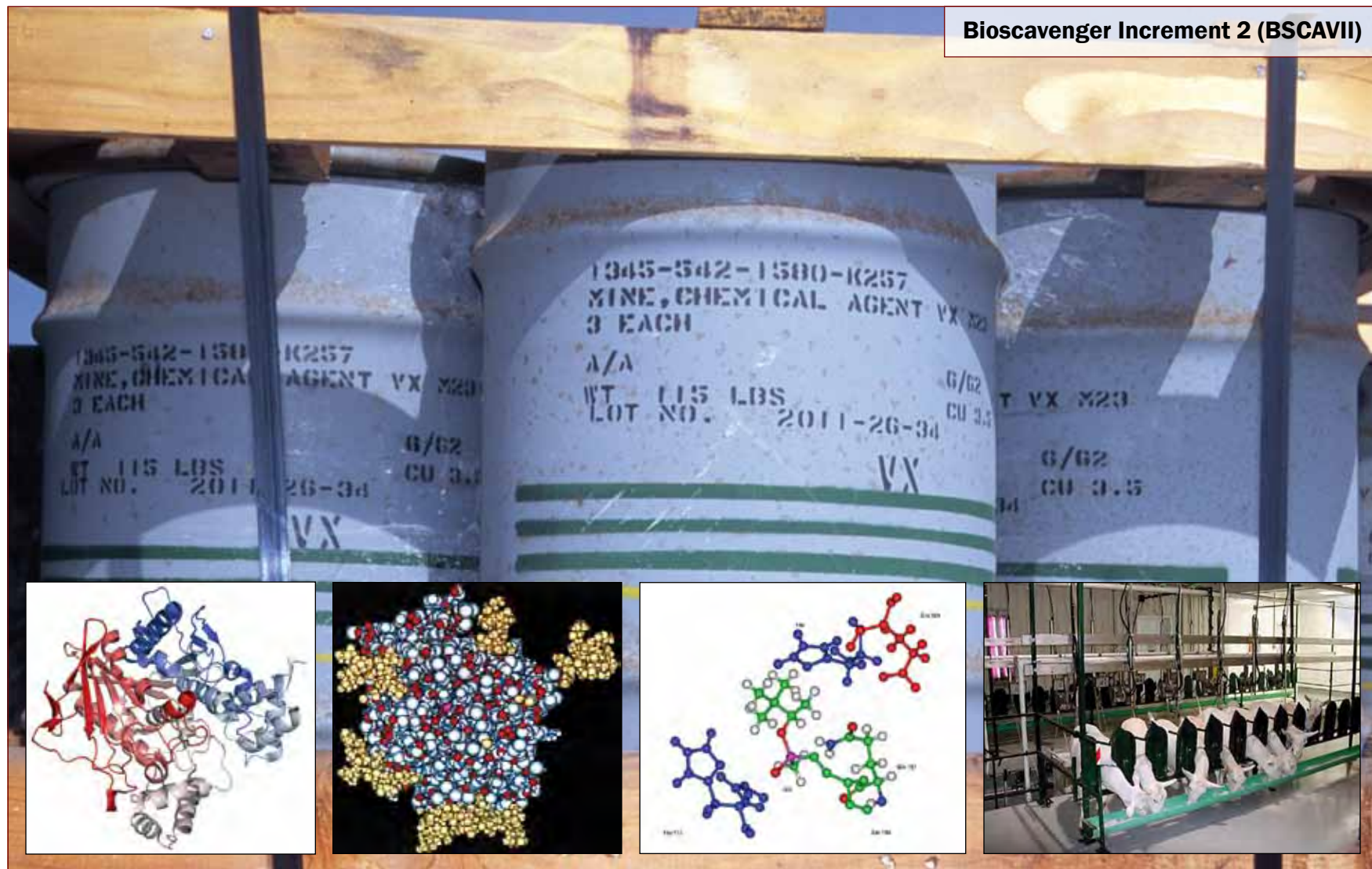
Foreign Military

NSN: Not Assigned Yet



SCHEDULE	FY09				FY10				FY11			
Inc. 2 - Phase 1 Clinical Safety Studies												
Inc. 2 - Large Scale Manufacturing, Process Development& Assay Validation												
Inc. 2 - MS B												
Inc. 2 - Conduct Good Laboratory Practice (GLP) Animal Efficacy Studies												
Inc. 2 - Conduct Phase 2 Clinical Safety Studies												
NTA Studies												

Bioscavenger Increment 2 (BSCAVII)



Improved Nerve Agent Treatment System (INATS)

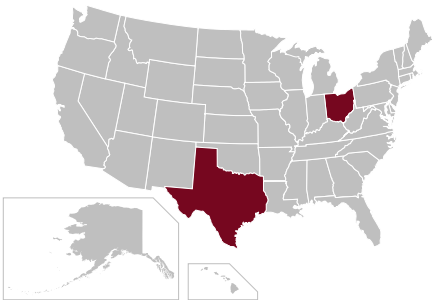
The Improved Nerve Agent Treatment System (INATS) is an enhanced treatment regimen designed to provide protection against a broad spectrum of nerve agents. The components of INATS include (1) replacing the currently fielded oxime (2-pralidoxime chloride, 2-PAM) with a new oxime and (2) obtaining approval for use of pyridostigmine bromide, the component of Soman Nerve Agent Pretreatment Pyridostigmine (SNAPP) for use against additional nerve agents. The current pretreatment indication for SNAPP is limited to soman. The new oxime is intended to replace 2-PAM in the currently fielded Antidote Treatment-Nerve Agent Autoinjector (ATNAA). INATS will not eliminate the need for other protective and therapeutic systems. INATS is intended for self-administration. FDA approval is planned for 2017.

NSN: Not Assigned Yet

CONTRACTOR(S)/GOVERNMENT PERFORMERS

Battelle Biomedical Research Center
West Jefferson, OH

Southwest Research Institute
San Antonio, TX



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

Other Agencies

Academia

Foreign Military

SCHEDULE	FY09				FY10				FY11			
Phase 1 Clinical Safety Studies												
GLP Non-Clinical Studies												
Process Development and small scale current good manufacturing practice (cGMP)												
IND Application/Amendment												
Efficacy, Safety & Toxicology Studies of Candidate Oximes												
Investigate operationally stable Formulation of MMB-4												
Process Development and small scale cGMP manufacturing												

Improved Nerve Agent Treatment System (INATS)

INATS



Joint Biological Agent Identification and Diagnostic Systems (JBAIDS)

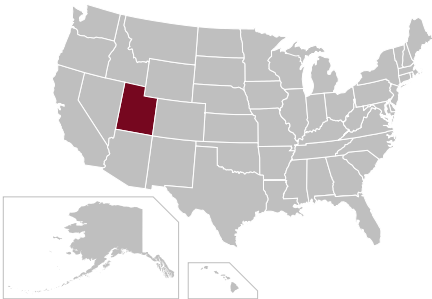
The Joint Biological Agent Identification and Diagnostic Systems (JBAIDS) is a reusable, portable, and modifiable biological agent identification and diagnostic system capable of rapid, reliable, and simultaneous identification of multiple biological agents and other pathogens of operational concern. The JBAIDS anthrax, tularemia, and plague detection systems are FDA-cleared for diagnostic use. On August 24, 2009, the FDA granted an Emergency Use Authorization for Swine influenza (2009-H1N1) diagnostic capability on JBAIDS. The JBAIDS H5 avian influenza *in vitro* diagnostic kit is projected to be cleared by the FDA in early 2010. In addition to these two influenza detection assays, the Office of the Assistant Secretary of Defense-Health Affairs has released \$8 million in funding for expanded infectious disease detection capability on JBAIDS. This additional infectious disease detection capability is projected to be available to deployed military forces in the 2010 and 2011 timeframe. Other JBAIDS Detection Systems will be submitted to the FDA for clearance in FY 2010.

NSN: 6545015371100



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Idaho Technology
Salt Lake City, UT



SCHEDULE

	FY09				FY10				FY11			
Diagnostic Assay Validation												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

Joint Biological Agent Identification and Diagnostic Systems (JBAIDS)



Medical Radiation Countermeasures (MRADC)

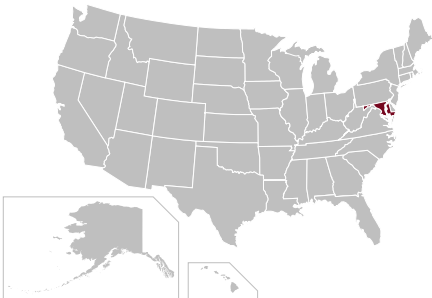
Exposure to ionizing radiation causes a complex multi-organ system injury known as acute radiation syndrome. As the radiation exposure level increases, damage becomes progressively evident in the bone marrow, gastrointestinal, and central nervous systems. Exposure to a radiation level sufficient to cause the gastrointestinal subsyndrome of acute radiation syndrome is almost uniformly lethal. Medical Radiation Countermeasures (MRADC) will be a system of diagnostic and therapeutic products providing the capability to identify radiation exposure levels leading to timely and accurate triage and delivery of therapeutic products across the contemporary operating environment. FDA approval is planned for 2014.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Osiris Therapeutics, Inc.
Columbia, MD



SCHEDULE

	FY09				FY10				FY11			
Non-Clinical Animal Efficacy Studies for two candidates												
Product Formulation on Candidate 1												
Non-Clinical Animal Efficacy Studies												
Process Development & cGMP Manufacturing Requirements												
Product Formulation, Storage, and Delivery System on Candidate 2												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

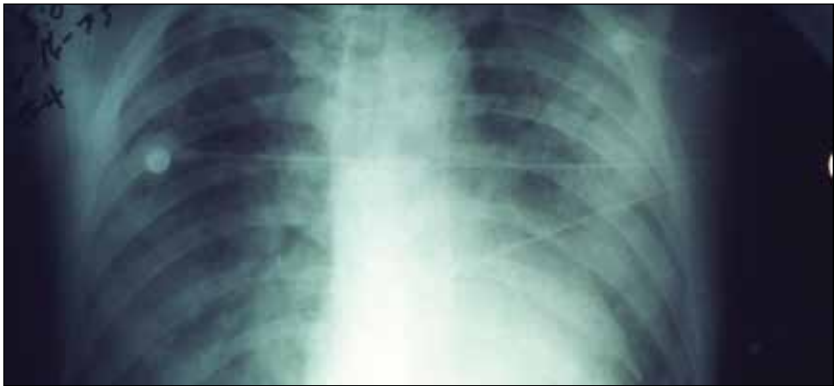
Medical Radiation Countermeasures (MRADC)



Recombinant Plague Vaccine (rF1V)

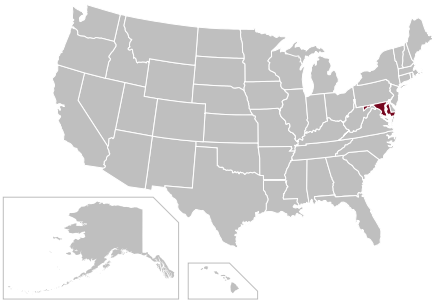
Chemical Biological Medical Systems-Joint Vaccine Acquisition Program (CBMS-JVAP) is developing a new vaccine for the DoD intended to prevent pneumonic plague from aerosolized exposure of the bacteria *Yersinia pestis*. The Recombinant Plague Vaccine (rF1V) is comprised of the F1V fusion protein formulated with an aluminum hydroxide adjuvant and delivered intramuscularly as a three-dose series prior to potential aerosol exposure to *Yersinia pestis*, the causative agent of plague. Initial development for this product was pioneered at the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID). Currently, Dynport Vaccine Company is the CBMS-JVAP prime system contractor and regulatory sponsor for this advanced development effort. FDA approval is planned for 2015.

NSN: 6505001607000



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Dynport Vaccine Company
Frederick, MD



USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			

SCHEDULE

	FY09				FY10				FY11			
Non-Clinical Studies												
Process Development - Large Scale												
Phase 2 Clinical Trial												
Process Validation - Large Scale												

Recombinant Plague Vaccine (rF1V)



Recombinant Botulinum Toxin A/B Vaccine (rBV A/B)

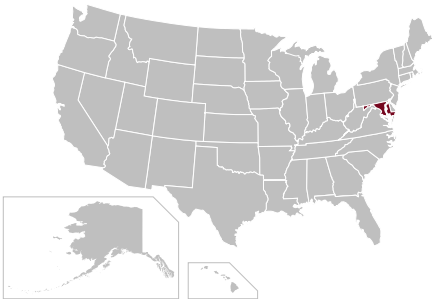
CBMS-JVAP is developing a new vaccine for the DoD intended to protect against aerosolized exposure to botulinum toxins. The Recombinant Botulinum Toxin A/B (rBV A/B) is comprised of non-toxic but immunogenic fragments of the botulinum toxin heavy chain of serotypes A and B. Initial development for this product was pioneered at USAMRIID. Currently, Dynport Vaccine Company is the CBMS-JVAP prime system contractor and regulatory sponsor for this advanced development effort. The vaccine is intended for use in an active vaccination program and will be administered intramuscularly as a three dose primary series prior to deployment of Warfighters into possible threat areas. FDA approval is planned for 2016.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Dynport Vaccine Company
Frederick, MD



USER(S)

U.S. Army

U.S. Navy

U.S. Air Force

U.S. Marine Corps

U.S. Coast Guard

National Guard

U.S. Army Reserve

U.S. SOCOM

Homeland Defense

DoD

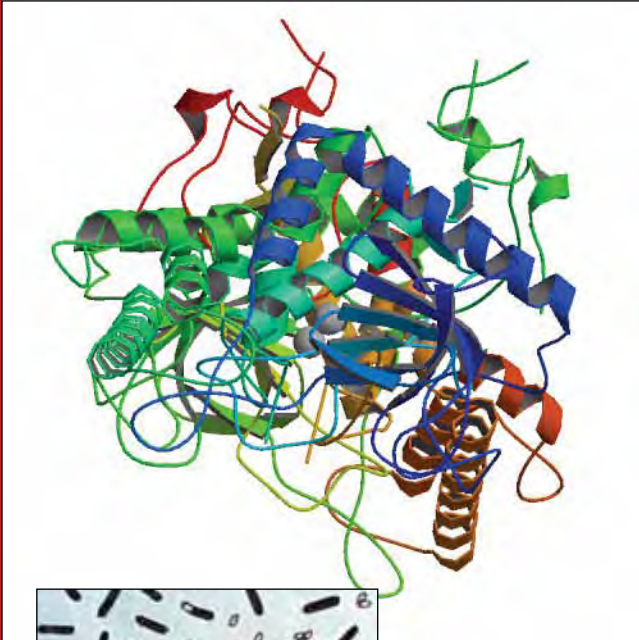
Other Agencies

Academia

Foreign Military

SCHEDULE

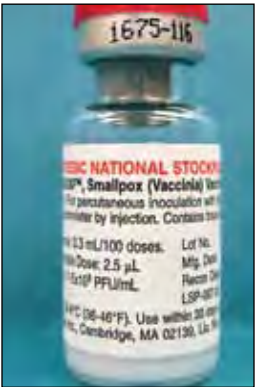
	FY09				FY10				FY11			
Process Validation - Large Scale												
Non-Clinical Testing												
Phase 2 Clinical Trial (A/B)												



Smallpox Vaccine System (SVS)

The Smallpox Vaccine System (SVS) Program provides both the ACAM2000™ smallpox vaccine and the Vaccinia Immune Globulin, Intravenous (VIGIV) to vaccinate and protect the warfighter from potential exposure to smallpox. Both products are FDA approved. The DoD’s ACAM2000™ requirement is being met through an Interagency Agreement with the DHHS, under which the DoD draws upon supplies held within the SNS. The DoD transfers funds to the SNS to maintain a DoD stock from which smallpox vaccine is drawn. VIGIV is used to treat rare but serious adverse reactions associated with vaccination with ACAM2000™, and the DoD maintains its own supply of VIGIV through a direct contract with the manufacturer, Cangene Corporation.

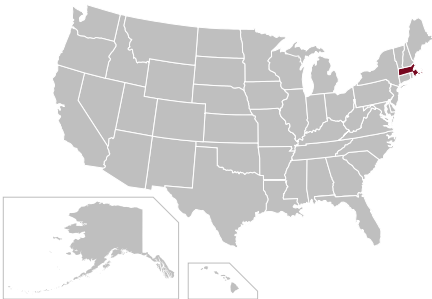
NSN: 6505015590815



CONTRACTOR(S)/GOVERNMENT PERFORMERS

Acambis, Inc.
Cambridge, MA

Cangene Corp.
Winnipeg, Manitoba, Canada



SCHEDULE

	FY09				FY10				FY11			
Other Biodefense Medical Product Storage & Testing												
Procure Smallpox Vaccine												
Follow-on Award Contract - Anthrax Vaccine												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			





JPM Transformational Medical Technologies Initiative
[Provisional]

8725 John J Kingman Road, Stop 6201
Fort Belvoir, VA 22060
703-767-1789

JPM Transformational Medical Technologies Initiative (TMTI) [Provisional]

The JPM-TMTI mission is to protect the Warfighter from bioengineered or newly emergent biological threats by providing a response capability from identification of pathogens through the development of MCMs.

The JPM-TMTI delivers innovative solutions to the Warfighter and develops:

- Technologies to identify unknown pathogens and rapidly develop MCMs to newly identified threats
- Broad-spectrum countermeasures (one drug, many bugs)
- Pathogen identification, characterization, and evaluation system.

Core Capabilities	Operational Area
Chemical Standoff Detection	SENSE
Chemical Point Detection	SENSE
Biological Point Detection	SENSE
Biological Standoff Detection	SENSE
Integrated Early Warning	SHAPE
Field Analytics	SENSE
CBRN Reconnaissance	SENSE
Biological Prophylaxis	SHIELD
Respiratory and Ocular Protection	SHIELD
Radiological Standoff Detection	SENSE
Personnel Contamination Mitigation	SUSTAIN
Percutaneous Protection	SHIELD
Radiological Point Detection	SENSE
Equipment Contamination Mitigation	SUSTAIN
Chemical Prophylaxis	SHIELD

Core Capabilities	Operational Area
Medical Surveillance	SHAPE
Battle or Operating Environment Management Systems	SHAPE
Biological Therapeutics	SUSTAIN
Medical Diagnostics	SUSTAIN
Battle or Operating Environment Analysis	SHAPE
Chemical Therapeutics	SUSTAIN
Radiological Prophylaxis	SHIELD
Radiological Therapeutics	SUSTAIN
Expeditionary Collective Protection	SHIELD
Fixed Site Collective Protection	SHIELD
Fixed Site Contamination Mitigation	SUSTAIN
Methods of Control	SHAPE
Hazardous Waste Control	SUSTAIN
Remains Disposition	SUSTAIN

Basis: 2009 CBDP Joint Priority List. Highlighted core capabilities represent developing technologies and/or existing materiel capabilities.

Transformational Medical Technologies Initiative (TMTI)

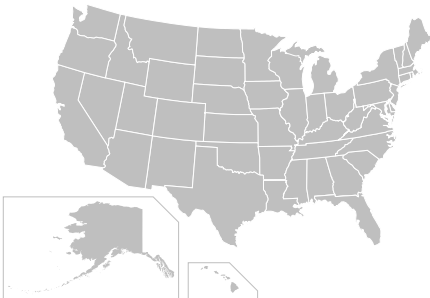
The objective of the TMTI is to develop broad-spectrum therapeutic countermeasures to mitigate the effects of exposure to the Warfighter from emerging or genetically-engineered biological threats. The TMTI strategy is to accelerate the development of new medicines by establishing alliances with academia and the pharmaceutical and bio-technology industries. Through this alliance, applicable drug candidates will be identified and incorporated into the program. Proactive technology scanning and directed development through targeted solicitations will be initiated to broaden the scope of therapies for consideration.

NSN: Unavailable



CONTRACTOR(S)/GOVERNMENT PERFORMERS

IN DEVELOPMENT



SCHEDULE

	FY09				FY10				FY11			
Contract #1-6 (HFV) Phase I trials												
Contract #1-4 (IBF) Phase I trials												
MS B Decision (Hemorrhagic Fever Viruses)												
Contract #1-2 Phase II Pivotal Animal Studies												

USER(S)

U.S. Army	U.S. Navy	U.S. Air Force	U.S. Marine Corps	U.S. Coast Guard	National Guard	U.S. Army Reserve	U.S. SOCOM
Homeland Defense	DoD	Other Agencies	Academia	Foreign Military			



JPEO-CBD Contact Information

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5203 Leesburg Pike
Skyline #2, Suite 1609
Falls Church, VA 22041
(703) 681-9600
DSN 761-9600

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JPM Biological Defense

5183 Blackhawk Road
Aberdeen Proving Ground, MD 21010-5424
(410) 436-5617
DSN 584-5617

JPM Collective Protection

1333 Isaac Hull Avenue SE
Washington Navy Yard
Washington, D.C. 20376-5150
(540) 653-2719
DSN 249-2719

JPM Nuclear, Biological, and Chemical Contamination Avoidance

5183 Blackhawk Road
Building E4465
Aberdeen Proving Ground, MD 21010-5424
(410) 436-2566
DSN 584-2566

JPM Decontamination

50 Tech Parkway
Stafford, VA 22556
(703) 617-2400
DSN 767-2400

JPM Guardian

5109 Leesburg Pike
Skyline #6
Falls Church, VA 22041
(703) 681-7773
DSN 761-7773

JPM Individual Protection

50 Tech Parkway
Stafford, VA 22556
(703) 617-2400
DSN 767-2400

JPM Information Systems

4301 Pacific Highway
San Diego, CA 92110
(858) 537-0145
DSN 249-2719

JPM Chemical Biological Medical Systems

64 Thomas Johnson Drive
Frederick, MD 21702
(301) 619-7400
DSN 343-7400

JPM Transformational Medical Technologies Initiative [Provisional]

8725 John J Kingman Road, Stop 6201
Fort Belvoir, VA 22060
703-767-1789

List of References

- **CBRN Handbook, *An Industrial Base Product Guide For Chemical, Biological, Radiological, and Nuclear Items for the U.S. Army*, September 2009.**
- **Chairman of the Joint Chiefs of Staff Instruction 3170.01G, *Joint Capabilities Integration and Development System*, March 2009.**
- **Defense Imagery.mil:** contains multimedia products to include training aids.
<http://dodimagery.afis.osd.mil/davis/>
- **Defense-Type Memorandum (DTM)090-027, *Implementation of the Weapons Systems Acquisition Reform Act of 2009*, December 2009.**
<http://www.dtic.mil/whs/directives/corres/pdf/DTM-09.027.pdf>
- **Department of Defense Chemical and Biological Defense Program Research, Development and Acquisition Plan, May 2009:** a published planning tool that describes investments in common technologies necessary to field effective CBRN defensive capabilities.
- **Department of Defense Chemical and Biological Defense Program Annual Report to Congress, May 2009:** a published report that reviews current programs that provide the Warfighters with the most superior CB defense training, equipment, and preparedness to achieve the CBDP vision.
- **Department of Defense Directive 5000.01, *The Defense Acquisition System*, certified current as of November 20, 2007.**
<http://www.dtic.mil/whs/directives/corres/pdf/500001p.pdf>
- **Department of Defense Instruction 5000.02, *Operation of the Defense Acquisition System*, December 2008.**
<http://www.dtic.mil/whs/directives/corres/pdf/500002p.pdf>
- **Deputy Assistant to the Secretary of Defense for Chemical and Biological Defense and Chemical Demilitarization (DATSD(CBD/CD) public website**
<http://www.acq.osd.mil/cp>
- **Edgewood Chemical Biological Center (ECBC):** the nation's principal research and development center for non-medical CB defense.
<http://www.edgewood.army.mil/>
- **Industrial Base Data Warehouse:** a central source for Industrial Base (IB) information and tools to identify potential IB issues.
<https://vems.ria.army.mil/apps/IBDW/IBDWHome.cfm>
- **Joint Acquisition Chemical Biological Radiological Nuclear Knowledge System:** the Web-based DoD knowledge management system for information related to the acquisition and support of CBRN defense products.
<https://jacks.jpeocbd.osd.mil/>
- **Joint Program Executive Office for Chemical and Biological Defense Public Website**
<http://www.jpeocbd.osd.mil/>
- **Knowledge Center**
<https://www.kc.us.army.mil/jpeohomekc.nsf/fsKCPortal>
- **Joint Publication 1-02: *Department of Defense Dictionary of Military and Associated Terms*, August 2009**
http://www.dtic.mil/doctrine/jel/new_pubs/jp1_02.pdf
- **Joint Science and Technology Office for Chemical and Biological Defense Strategy, September 2007:** the strategy that provides a framework that gives the CB defense S&T program a shared purpose and shared goals to have an understanding of the CB defense S&T priorities.
- **Joint Services Chemical and Biological Information System:** the CBDP information system designed to support the CBDP acquisition community in the administration of program management lifecycle activities.
- **Program Executive Office Soldier Portfolio, FY 2009**
<http://peosoldier.army.mil>

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
BIOLOGICAL DEFENSE PRODUCTS	Biological Integrated Detection System (BIDS)	M31	6665-01-392-6190	5-15-17670	A48430	TACOM-RI	7
		M31A1	6665-01-436-2309	5-15-18600	A48498	TACOM-RI	7
		M31A2	6665-01-500-4040	615-15-30480	A48680	TACOM-RI	7
	Biological Sampling Kit (BSK)	N/A	6665-01-494-8725	O-BSK-01C	N/A	TACOM-RI	2
		N/A	6665-01-497-7811	O-BSK-01T	N/A	TACOM-RI	2
	Dry Filter Unit (DFU)						
	• DFU 1000	N/A	6665-01-523-3927	5-15-31616	N/A	TACOM-RI	2
	• DFU 2000	N/A	6665-01-523-3926	5-15-31617	N/A	TACOM-RI	2
	Hand Held Assay (HHA)	N/A	6665-01-504-5834	O-HHA-01C	N/A	TACOM-RI	2
		N/A	6665-01-504-8535	O-HHA-01T	N/A	TACOM-RI	2
		N/A	Currently uncoded	O-HHA-01UN	N/A	TACOM-RI	2
	Joint Biological Point Detection System (JBPDS)						
	• Man-Portable	XM96	6665-01-452-9643	30295-1600-1	N/A	TACOM-RI	7
	• Shelter	XM97	6665-01-452-9644	30295-1600-2	N/A	TACOM-RI	7
	• Ship	XM98	6665-01-452-9645	30295-1600-3	N/A	TACOM-RI	7
	• Trailer	XM103	6665-01-512-1351	5-15-19405	N/A	TACOM-RI	7
	Joint Portal Shield (JPS)	N/A	N/A	N/A	N/A	N/A	N/A
	Joint Biological Standoff Detection System (JBSDS)	N/A	6665-01-533-7148	5-15-30891	N/A	TACOM-RI	7
	Joint Biological Tactical Detection System (JBTDs)	N/A	N/A	N/A	N/A	N/A	N/A
	Progressive Assay Reader (PAR) Carrier Assembly						
	• Operational	N/A	6665-01-521-7871	JPOPAR-10	N/A	TACOM-RI	2
	• Training	N/A	6665-01-521-7870	JPOPAR-20	N/A	TACOM-RI	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
COLLECTIVE PROTECTION PRODUCTS	Collectively Protected Field Hospitals (CPFH)						
	• Chemically Protected Deployable Medical Systems (CP DEPMEDS)	Green, 296 beds	5410-01-479-9730	5-4-8000-1	C07756	TACOM-RI	7
		Tan, 296 beds	5410-01-479-9727	5-4-8000-1A	C07756	TACOM-RI	7
		Green, 44 beds	5410-01-522-4818	5-4-8000-5	Z00944	TACOM-RI	7
		Tan, 44 beds	5410-01-522-4820	5-4-8000-5A	Z00944	TACOM-RI	7
		Green, 40 beds	5410-01-523-0255	5-4-8000-2	Z00945	TACOM-RI	7
		Tan, 40 beds	5410-01-523-0257	5-4-8000-2A	Z00945	TACOM-RI	7
		Green, 164 beds	5410-01-523-0254	5-4-8000-3	Z00945	TACOM-RI	7
		Tan, 164 beds	5410-01-523-0256	5-4-8000-3A	Z00574	TACOM-RI	7
		Green, 84 beds	5410-01-491-8601	5-4-8000-4	No LIN	TACOM-RI	7
		Tan, 84 beds	5410-01-492-2114	5-4-8000-4A	No LIN	TACOM-RI	7
		Training Set	6910-01-479-2464	5-4-8011-1	No LIN	TACOM-RI	7
	• Chemically Hardened Expeditionary Medical Facility (CH EMF)	N/A	N/A	N/A	N/A	N/A	N/A
	• Chemically Protected Expeditionary Medical Support (CP EMEDS)	N/A	N/A	N/A	N/A	N/A	N/A
	• Collectively Protected Small Shelter System (CP SSS)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Expeditionary Collective Protection (JECPE)	N/A	4240-01-346-2564	89005A0000	N/A	Navy	N/A
	Command, Control & Operations (CCO) Shelters						
	• Simplified Collective Protective Equipment (SCPE)	M20	4240-01-166-2254	5/19/8000	C79000	TACOM-RI	7
		M20A1	4240-01-330-7806	5-19-11320	C79000	TACOM-RI	7

KEY

- ☐ Items that are listed in the portfolio
- ☐ Items that are not listed

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
COLLECTIVE PROTECTION PRODUCTS	Filters						
	• Filter Fan Assemblies (FFA)						
	• FFA400-100	N/A	4230-01-485-6184	FFA400	N/A	TACOM-RI	2
	• FFA400-300	N/A	N/A	FFA400	N/A	N/A	2
	• FFA400-400	N/A	4230-01-485-6184	FFA400	N/A	N/A	2
	• FFA400-500	N/A	N/A	FFA401		N/A	2
	• FFA580-100	N/A	4230-01-101-3611	106441	N/A	DLA	
	• FFA1000-100/200	N/A	4230-01-485-6185/ 4230-01-485-6183	FFA1000-100/ FFA1000-200	N/A	TACOM-RI	2
	• Fixed Installation Filters						
	• M49 Fixed Installation Filter	M49	4240-01-312-9146	5-19-11282	N/A	TACOM-RI	9
	• Miscellaneous Common Filters/Components						
	• Centrifugal Fan	N/A	4140-01-333-3919	5/19/9118	N/A	TACOM-RI	9
		N/A	4140-01-390-4104	03989-44-001	N/A	DLA	9
	• Hermetically Sealed Filter Canister (HSFC), 200 CFM	N/A	4240-01-178-9936	5/19/6767	N/A	TACOM-RI	9
	• M3 Heater	M3	4240-00-807-6856	5-19-1782	N/A	TACOM-RI	9
	• M12A2 Gas Filter	M12A2	4240-01-365-0981	5/19/2295	N/A	TACOM-RI	9
	• M13 Particulate Filter, 12 CFM	M13	4240-00-368-6291	5-19-853	N/A	TACOM-RI	9
	• M13A1 Hospital Headpiece	M13A1	4240-00-763-2464	5-70-23	N/A	TACOM-RI	9
	• M18A1 Gas Filter	M18A1	4240-01-365-0982	5/19/2300	N/A	TACOM-RI	9
	• M19 Particulate Filter	M19	4240-00-866-1825	5-19-1175	N/A	TACOM-RI	9
	• M23A1 Gas Filter	M23A1	4240-01-363-1310	5/19/2298	N/A	TACOM-RI	9
	• M39 Tester	M39	6680-00-436-4212	5-77-2120	W02526	DLA	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
COLLECTIVE PROTECTION PRODUCTS	• Miscellaneous Common Filters/Components						
	• M98 Gas Particulate Unit	M98	4240-01-369-6533	5-19-6722-N	N/A	TACOM-RI	9
	• Recirculation Filter Unit	N/A	4240-01-348-5257	5-19-10878	N/A	TACOM-RI	9
	• Gas Particulate Filter Unit (GPFU)	M8A3	4240-00-853-3201	5-19-1779	N/A	TACOM-RI	9
		M13A1	4240-00-964-9061	5/19/3051	N/A	TACOM-RI	9
		M14	4240-00-010-5267	5-19-1828	H48896	TACOM-RI	2
		M48A1	4240-01-363-1311	5/19/7435	N/A	TACOM-RI	9
	Modular Collective Protection Equipment (MCPE)						
	• Gas Particulate Filter Unit (GPFU) - Mobile Trucks	M56	4240-00-237-0277	E5-19-6402	H48904	TACOM-RI	2
		M59	4240-00-237-0223	E5-19-6699	N/A	TACOM-RI	2
		M84	4240-01-149-1719	E5-19-6830	N/A	TACOM-RI	2
		M87	4240-01-192-7234	E5-19-8908	N/A	TACOM-RI	2
		M93	4240-01-231-6515	E5-19-8892	N/A	TACOM-RI	2
		M95	4240-01-274-6355	E5-19-9259	N/A	TACOM-RI	9
		M96	4240-01-274-6356	E5-19-9240	N/A	TACOM-RI	9
	• Joint Collective Protection Equipment (JCPE) Program	N/A	N/A	N/A	N/A	N/A	N/A
	• M28 Collective Protection Equipment (CPE)	16 FT	4240-01-330-7807	5-19-11321-40	N/A	TACOM-RI	2
		32 FT	4240-01-330-7808	5-19-11321-30	N/A	TACOM-RI	2
		48 FT	4240-01-331-2922	5-19-11321-20	N/A	TACOM-RI	2
		64 FT	4240-01-331-2923	5-19-11321-10	N/A	TACOM-RI	9
	MCPE Components						
	• Compartment Control Module	N/A	4240-01-057-3378	5/19/6376	N/A	TACOM-RI	9
	• Control Module	N/A	4240-01-048-2803	5/19/6357	N/A	TACOM-RI	9

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
COLLECTIVE PROTECTION PRODUCTS	MCPE Components						
	• Power Distribution Unit	N/A	4240-01-068-8645	5/19/6387	N/A	TACOM-RI	9
	• Static Frequency Converter	N/A	4240-00-394-9571	5/19/6425	N/A	TACOM-RI	9
	• System Control Module	N/A	4240-01-234-2266	5/19/9119	N/A	TACOM-RI	9
	MCPE Installation Kits						
	• M262 Installation Kit (TACFIRE)	M262	4240-01-063-4655	5/19/6704	J87608	TACOM-RI	2
	• M263 Installation Kit (MISSILE MINDER)	M263	4240-01-063-7679	5/19/6705	J31970	TACOM-RI	2
	• M265 Installation Kit (PATRIOT)	M265	4240-01-110-7617	5/19/6707	N/A	TACOM-RI	9
	• M277 Installation Kit (TACFIRE UCE)	M277	4240-01-186-8423	N/A	N/A	TACOM-RI	9
	Protective Entrances (PE)						
	• M10 PE	M10	4240-00-229-2610	5-19-6201-40	H10908	TACOM-RI	2
	• M12 PE	M12	4240-01-048-2923	5-19-6201-20	E11043	TACOM-RI	2
	• M13 PE	M13	4240-01-155-9971	5/19/8835	N/A	TACOM-RI	2
	• M14 PE	M14	4240-01-105-5521	5-19-6201-50	N/A	TACOM-RI	2
	• M15 PE	M15	4240-01-185-6786	5/19/9190	N/A	TACOM-RI	2
	• M16 PE	M16	4240-01-240-4367	5/19/9192	N/A	TACOM-RI	2
	• M18 PE	M18	4240-01-283-0193	5/19/9416	N/A	TACOM-RI	9
	• M19 PE	M19	4240-01-283-0192	5/19/9415	N/A	TACOM-RI	9
	• M20 PE	M20	4240-01-283-0194	5/19/9417	N/A	TACOM-RI	9
	Ventilated Face Piece (VFP) Equipment						
	• M1A1-19 Pre-cleaner and Particulate	M1A1-19	4240-01-026-3112	5/19/2353	N/A	TACOM-RI	9
	• M2A2 Air Purifier	M2A2	4240-00-868-7906	5-19-1772	N/A	TACOM-RI	9

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
COLLECTIVE PROTECTION PRODUCTS	Shipboard Collective Protection						
	• Collective Protection System (CPS) Backfit Program	N/A	N/A	N/A	N/A	N/A	9
	• Shipboard Collective Protection Systems (CPS)	N/A	N/A	N/A	N/A	N/A	9
	Transportable Collective Protection Equipment						
	• Chemical Biological Protected System (CBPS)	Green	5410-01-441-8054	17-1-9220-1 (GRN)	C07506	TACOM-RI	7
		Tan	5410-01-482-4633	17-1-9220-1 (TAN)	C07506	TACOM-RI	7
	• Collective Protection System for the Modular General Purpose Tent System (MGPTS) (Type I)	Small	8340-01-491-1507 (TAN)	8340-01-456-3633 (GRN)	N/A	TACOM-RI	7
		Medium	8340-01-491-1515 (TAN)	8340-01-456-3628 (GRN)	N/A	TACOM-RI	7
		Large	8340-01-491-1479 (TAN)	8340-01-456-3674 (GRN)	N/A	TACOM-RI	7
	• Collective Protection System for the MGPTS (Type II)	Small	8340-01-516-6859 (TAN)	8340-01-516-6860 (GRN)	N/A	TACOM-RI	7
		Medium	8340-01-516-6864 (TAN)	8340-01-516-6861 (GRN)	N/A	TACOM-RI	7
		Large	8340-01-516-6865 (TAN)	8340-01-516-6863 (GRN)	N/A	TACOM-RI	7

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
CONTAMINATION AVOIDANCE PRODUCTS	Point Detection						
	• Chemical Agent Monitor (CAM)/Improved Chemical Agent Monitor (ICAM)	N/A	6665-01-357-8502	5-15-17100	C05701	TACOM-RI	2
	• Chemical Agent Monitor Simulator (CAMSIM)	N/A	6665-99-001-9985	CAMSIM001	A32778	TACOM-RI	2
	• M8 Paper, Chemical Agent Detector	M8	6665-00-050-8529	5-67-266	N/A	TACOM-RI	2
	• M9 Paper, Chemical Agent Detector	M9	6665-01-226-5589	5-67-280	N/A	TACOM-RI	2
	• JCAD Interface Kit	N/A	6665-01-557-4013	5-5-32039/15161	N/A	TACOM-RI	9
	• Joint Chemical Agent Detector (JCAD)	N/A	6665-01-552-2704	5-15-32019	J00697	TACOM-RI	7
	• Joint Chemical Biological Radiological Water Monitor (JCBRAWM) Kits	N/A	6665-01-134-0885	5-77-2500	N/A	N/A	N/A
	• M281 Mounting Kit, Chemical Agent Automatic Alarm (CAAA)	M281	6665-01-438-6959	EA-PRF-2061	M18087	TACOM-RI	2
	• M281 Chemical Agent Automatic Alarm Mounting Kit	M281	6665-01-438-6959	EA-PRF-2061	M18087	TACOM-RI	2
	• M22 Alarm Chemical Agent Automatic (ACADA)	M226	6665-01-438-6963	EA-PRF-2058	A33020	TACOM-RI	7
	• M27 Multipurpose Integrated Chemical Agent Detector (MICAD)	M27	6665-01-447-6993	5-15-19018-0	A32778	TACOM-RI	7
	• M42 Alarm Unit, Chemical Agent Automatic Alarm	M42	6665-00-859-2215	5-15-4826/2HS392	A33120	TACOM-RI	2
	• M43A1 Chemical Agent Automatic Alarm Detector Unit	M43A1	6665-01-081-8140	5-15-8100/326018001	N/A	TACOM-RI	2
	• MK 26 Improved Point Detection System (IPDS)	MK26	N/A	N/A	N/A	N/A	N/A
	• DT-236 Detector, Radiation Detection, Indication, and Computation (RADIAC)	DT-236	6665-01-043-2191	N/A	N/A	N/A	N/A
	• Radiac Set	AN/VDR-2	6665-01-222-1425	DMW-200P/D43180	R20684	CECOM	7
		AN/UDR-13	6665-01-407-1237	A3245734 AN/UDR-13	R31061	CECOM	7
		AN/PDR-77	6665-01-347-6100	A3173160	R30993	CECOM	7
		AN/PDR-75	6665-01-211-4217	C5085500	R30925	CECOM	7

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
CONTAMINATION AVOIDANCE PRODUCTS	Point Detection						
	• Improved Point Detection System-Lifecycle Replacement	N/A	N/A	N/A	N/A	N/A	N/A
	Point Detection Kits						
	• M8A1 Automatic Chemical Agent Alarm (ACAA)	M8A1	6665-01-105-5623	5/15/8800	A32355	TACOM-RI	7
	• M18A3 Chemical Agent Detector Kit	M18A3	6665-01-463-4278	5-77-3274	N/A	TACOM-RI	2
	• M30A2 Chemical Agent Detector Refill Kit	M30A2	6665-01-463-4279	5-77-3273	N/A	TACOM-RI	2
	• M34A1 CBR Agent Sampling Kit	M34A1	6665-01-466-9096	MIL-PRF-51200	N/A	TACOM-RI	2
	• M140 Chemical Agent Automatic Alarm Test Set	M140	6665-01-083-2749	5/15/8200	T70627	TACOM-RI	7
	• M182 Chemical Agent Automatic Mounting Kit	M182	6665-00-110-9492	5/15/5300	M78317	TACOM-RI	2
	• M228 Chemical Agent Automatic Alarm Mounting Kit	M228	6665-00-859-2212	5/15/5600	M78314	TACOM-RI	2
	• M256A1 Chemical Agent Detector Kit	M256A1/A2	6665-01-133-4964	5-77-2240	N/A	TACOM-RI	2
	• M272 Chemical Agents Water Testing Kit	M272	6665-01-134-0885	5-77-2500	N/A	TACOM-RI	2
	• M274 NBC Sign Kit	M274	9905-01-346-4716	5/14/2001	N/A	TACOM-RI	2
	Point Detection Simulator Training Kits						
	• M28 Simulator Chemical Agent Detector Tickets	M28	6665-01-378-5414	5-77-3260	N/A	TACOM-RI	9
	• M29 Simulator Chemical Agent Detector Tickets	M29	6665-01-379-0492	5-77-3261	N/A	TACOM-RI	9
	• M256A1 Simulator Chemical Agent Detector Tickets	M256A1	6665-01-293-2149	5-77-2914	N/A	TACOM-RI	2
	• Simulator, Chemical Agent Alarm Detector Unit	N/A	6665-99-001-9985	N/A	N/A	N/A	N/A
	Reconnaissance						
	• Chemical Vapor Sampler System (CVSS)	N/A	6665-01-537-6901	5-15-30817	N/A	N/A	2
	• Family of Tactical Obscuration Devices (FOTOD)	N/A	N/A	N/A	N/A	N/A	N/A

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
CONTAMINATION AVOIDANCE PRODUCTS	Reconnaissance						
	• Nuclear Biological Chemical Reconnaissance System (NBCRS) "Fox"	M93A1	6665-01-372-1303	5-15-14671	R41282	TACOM-RI	7
		M93A1P1	6665-01-540-9327	5-15-32018	R41582	TACOM-RI	7
	• Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Stryker	M1135	2355-01-481-8579	1247960	N96543	TACOM-Warren	7
	• NBCRV Stryker Sensor Suite	XM 1135	N/A	N/A	N/A	N/A	N/A
	• JNBCRS Light Armored Vehicle (LAV)	N/A	6665-07-000-0776	N/A	N/A	N/A	N/A
	• CBRN Dismounted Reconnaissance Sets Kits and Outfits (CBRN DR SKO)	N/A	N/A	N/A	N/A	N/A	N/A
	• CBRN Monitor and Survey Sets Kits and Outfits (CBRN MS SKO)	N/A	N/A	N/A	N/A	N/A	N/A
	Smoke Generators						
	• M2 Mounting Kit, Smoke Generator	M2	1040-00-347-2434	31-16-10	M74001	TACOM-RI	2
	• M284/M284A1 Mounting Kit, Smoke Generator	M284/M284A1	1040-01-249-0272/ 1040-01-379-8595	31-15-2680/ 31-15-2983	M17931	TACOM-RI	2
	• M288 Mounting Kit, Smoke Generator	M288	1040-01-248-6985	31-15-2864	M78620	TACOM-RI	2
	• M3A4 Smoke Generator Set (SGS)	M3A4	1040-01-143-9506	31-15-2000	J30492	TACOM-RI	7
	• M56/M56E Smoke Generator Set (SGS) "The Coyote"	M56	1040-01-380-1400	31-15-4001	G58151	TACOM-RI	7
	• M58 Mechanized Smoke Obscurant System "The Wolf"	M58	1040-01-413-8332	31-15-3200	G87229	TACOM-RI	7
	• M157/M157A2 Smoke Generator Set (SGS) "The Lynx"	M157/M157A2	1040-01-406-7401	31-15-3327-10	G51840	TACOM-RI	7

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
CONTAMINATION AVOIDANCE PRODUCTS	Smoke Generators						
	• Smoke Generator Carrier (SGC)	M1059	2350-01-203-0188	8750136	C12815	TACOM-Warren	7
		M1059A3	2350-01-369-6083	8750290	C12815	TACOM-Warren	7
	Smoke Grenades and Smoke Pots						
	• ABC-M5 30-Pound HC Smoke Pot	ABC-M5	1365-00-598-5207	36-1-18	T84505	JMC	5
	• AN-M7A1 SGF2 Floating Smoke Pot	AN-M7A1	1365-00-939-6599	36-2-214	T84657	JMC	5
	• AN-M8 HC Smoke Hand Grenade	AN-M8	1330-00-219-8511	13-19-32	J79681	JMC	5
	• AN-M14 Incendiary Grenade	AN-M14	1330-00-219-8557	13-17-3	J77763	JMC	5
	• M1 HC 10-Pound Smoke Pot	M1	1365-00-219-8512	36-1-1	T84657	JMC	5
	• M4A2 HC Floating Smoke pot	M4A2	1365-00-598-5220	36-1-26	S84573	JMC	5
	• M8 Smoke Pot	M8	1365-01-380-1678	36-1-300	P68265	JMC	5
	• M18 Smoke Grenade	M18	1330-00-289-6851/ 1330-00-289-6854/ 1330-00-289-6852/ 1330-00-289-6855	13-19-37	J79133	JMC	5
	• M48 Colored Smoke Hand Grenade	M48	1330-00-477-6719	13-25-71	J79201	JMC	5
	• M76 IR Screening Smoke Grenade Launcher	M76	1330-01-171-8869	13-19-150	G80205	JMC	5
	• M82 Simulant Screening Smoke Grenade Launcher	M82	1330-01-353-3284	13-19-290	G80228	JMC	5
	• M83 TA Smoke Hand Grenade	M83	1330-01-380-0287	13-19-700	G79794	JMC	5
	• M90 Smoke Grenade Light Vehicle Obscuration Smoke System	M90	1330-01-449-9600	13-19-800/13-19-825	G23048	JMC	5

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
CONTAMINATION AVOIDANCE PRODUCTS	Smoke Grenades and Smoke Pots						
	• UK-L8A1 RP Screening Smoke Grenade Launcher	L8A1	1330-01-020-0504	TW74GF	J80160	JMC	5
	• UK-L8A3 RP Screening Smoke Grenade Launcher	L8A3	1330-01-124-5031	TW74GF/13-19-100/ 13-19-133	J80160	JMC	5
	Standoff						
	• Chemical Biological Mass Spectrometer Block II (CBMS II)	N/A	6665-12-340-3642	MM2400/5-15-18601	N/A	TACOM-RI	9
	• Joint Chemical Surface Detector (JCSD)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Services Lightweight Standoff Chemical Agent Detector (JSLSCAD)	N/A	6665-01-475-6658 6665-01-475-6787 6665-01-475-6795 6665-01-475-6799 6665-01-475-6802	10214-1000-02/ 10214-1015-02/ 10214-1505	N/A	TACOM-RI	2
	• Next Generation Chemical Standoff Detection (NGCSD)	N/A	N/A	N/A	N/A	N/A	N/A
	• Portable Area Warning and Surveillance System (PAWSS)	N/A	N/A	N/A	N/A	N/A	N/A
	• M21 Remote Sensing Chemical Agent Alarm (RSCAAL)	M21	6665-01-324-6637	5-15-10503	A32638	TACOM-RI	7
	Riot Control						
	• L96A1 CS Anti-Riot Irritant Grenade Discharger	L96A1	1330-01-459-4018	13-19-870	G34777	JMC	5
	• L97A1 Practice Anti-Riot Irritant Grenade Discharger	L97A1	1330-01-459-4032	13-19-880	G23184	JMC	5
	• M47 CS Riot Hand Grenade	M47	1330-00-477-6704	13-25-70	J79561	JMC	5
	• M7A3 CS Riot Hand Grenade	M7A3	1330-00-965-0802	13-22-35	J79544	JMC	5
	• M98 Distraction Non-Lethal Grenade Launcher	M98	1330-01-484-7773	13-19-760	G80478	JMC	5
	• M99 Blunt Trauma Non-Lethal Grenade Launcher	M99	1330-01-484-7775	13-19-720	G80546	JMC	5

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
CONTAMINATION AVOIDANCE PRODUCTS	Riot Control Dispersers						
	• M33/M33A1 Portable Riot Control Agent Disperser	M33/M33A1	1040-00-450-559/ 1040-00-148-9824	116-3-54/116-3-121	G22348	TACOM-RI	7
	• M37 Mid-Sized Riot Control Agent Disperser	M37	1040-01-463-0157	116-3-160	D20400	TACOM-RI	7
	Riot Control Launch Systems						
	• M304 LVOSS Installation Kit	M304	1055-01-449-1531	13-12-1000	J33383	TACOM-RI	2
	• M305 LVOSS Installation Kit	M305	1055-01-449-1530	13-12-1040	J49974	TACOM-RI	2
	• M310 LVOSS Installation Kit	M310	1055-01-451-2285	13-12-1042	J33315	TACOM-RI	2
	• M315 Grenade Launcher Installation Kit	M315	1055-01-483-8479	13-12-1100	Z53202	TACOM-RI	2
	• XM327 Installation Kit	XM327	1055-01-563-2564	13-12-1305	N/A	TACOM-RI	2
	• M6 Countermeasure Smoke Grenade Discharger	M6	1040-01-383-4114	13-12-400	N/A	TACOM-RI	2
	• M7 Countermeasure Smoke Grenade Discharger, Light Vehicle Obscuration Smoke System (LVOSS)	M7	1040-01-454-1625	13-121-1001	D15345	TACOM-RI	2
	• M176 HC and WP Smoke Grenade Launcher	M176	1330-00-930-8945	13-12-13	L43899	JMC	5
	• M226 HC Smoke Grenade Launcher	M226	1330-00-103-0694	13-12-28	L43906	JMC	5
	• M239 Armament Subsystem Grenade Launcher	M239	1055-01-015-0874	13-12-32	L44612	TACOM-RI/ USMC	7
	• M243 Armament Subsystem Grenade Launcher	M243	1055-01-059-0560	13-12-80	L67021	TACOM-RI	7
	• M250 Armament Subsystem Grenade Launcher	M250	1055-00-000-0138	13-12-122	L44680	TACOM-RI	7
	• M257 Armament Subsystem Grenade Launcher	M257	1055-01-070-1213	13-12-129	L44031	TACOM-RI/ USMC	7
	• M259 Armament Subsystem Grenade Launcher	M259	1055-01-107-7501	13-12-150	L44748	TACOM-RI	7

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
DECONTAMINATION PRODUCTS	Agents						
	• High-Test Hypochlorite (HTH) - 6 oz/25 lbs/100 lbs	N/A	6810-00-255-0471/ 6810-01-225-2682/ 6810-00-255-0472	N/A	N/A	DLA	3
	• M100 Sorbent Decon System (SDS)	M100	4230-01-466-9095	EA-PRF-2163	N/A	TACOM-RI	2
	• Reactive Skin Decontaminant Lotion (RSDL)	N/A	6505-01-507-5074/ 6910-01-507-5141	03-881/03-0882	N/A	DLA	8
	• Super Tropical Bleach (STB)	N/A	6850-00-297-6653	N/A	N/A	DLA	3
	Kits						
	• Decontamination Family of Systems (DFoS)						
	• Fixed-Site Decontamination System (FSDS)	N/A	4230-01-521-9919	N/A	N/A	N/A	N/A
	• Human Remains Decontamination System (HRDS)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Material Decontamination System (JMDS)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Platform Interior Decontamination (JPID)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Service Personnel Skin Decontamination System (JSPDS)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Service Sensitive Equipment Decontamination (JSSED)	N/A	N/A	N/A	N/A	N/A	N/A
	• Lightweight Multi-Purpose Decontamination System (LMDS)	N/A	N/A	N/A	N/A	N/A	N/A
	• M291 Skin Decontamination Kit (SDK)	M291	6505-01-276-1905	5-77-2301/5-77-2305	N/A	TACOM-RI	2
	• M295 Individual Equipment Decontamination Kit	M295	6850-01-357-8456	5-77-3201	N/A	TACOM-RI	2
	Power						
	• A/E 32U-8 Portable Power Driven Decontaminating Apparatus	A/E 32U-8	4230-01-153-8660	26000-100	D82404	TACOM-RI	7
	• Joint Service Transportable Decontamination System – Small Scale (JSTDS-SS)	N/A	4230-01-555-0686	91001-100	N/A	TACOM-RI	7

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
DECONTAMINATION PRODUCTS	Power						
	• Kärcher MultiPurpose Decontamination System (MPDS) – Power	N/A	4230-01-514-1371	MFG1713	N/A	USMC	7
	• M12A1 500 Gallon Skid-Mounted Power Driven Decontamination Apparatus (PDDA)	M12A1	4230-00-926-9488	D5-45-3264	F81880	TACOM-RI	7
	• M12A1 DED	M12A1	4230-01-502-7224	5-45-8483/ 5-45-3264-20	F81880	TACOM-RI	7
	• Lightweight Decontamination System (LDS)	M17	4230-01-251-8702	5-45-5299-10	D82404	TACOM-RI	7
		M17A1	4230-01-303-5225	5-45-5299-20	D82404	TACOM-RI	7
		M17A2	4230-01-346-1778	5-45-5299-30	D82404	TACOM-RI	7
		M17A3	4230-01-346-3122	5-45-5299-40	D82404	TACOM-RI	7
	• Marine Corps Heavy Fuel Lightweight Decontamination System (LDS)	M17	4230-01-470-5826	N/A	N/A	N/A	N/A
GUARDIAN PRODUCTS	Detection Systems						
	• Battlefield Anti-Intrusion System (BAIS)	N/A	6350-01-512-7177	AN/PRS-9 K10048842-501 K10048842-503	N/A	CECOM	7
	• Integrated Commercial Intrusion Detection System (ICIDS)	N/A	N/A	N/A	N/A	N/A	N/A
	• Mobile Detection Assessment and Response System (MDARS)	N/A	N/A	N/A	N/A	N/A	N/A

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
GUARDIAN PRODUCTS	Installation Protection Program (IPP)						
	• Analytical Laboratory System (ALS)	N/A	N/A	N/A	N/A	N/A	7
	• Automated Installation Entry (AIE)	N/A	N/A	N/A	N/A	N/A	7
	• Common Analytical Laboratory System (CALS)	N/A	N/A	N/A	N/A	N/A	7
	• Installation Protection Program (IPP)	N/A	N/A	N/A	N/A	N/A	7
	• Lighting Kit Motion Detector (LKMD)	N/A	N/A	N/A	N/A	N/A	7
	• Unified Command Suite (UCS)	N/A	N/A	N/A	N/A	N/A	7
INDIVIDUAL PROTECTION PRODUCTS	Gloves						
	• Gloves, Chemical Protective (7 mil)	Small	N/A	8415-01-138-2501	N/A	N/A	2
		Medium	N/A	8415-01-138-2502	N/A	N/A	2
		Large	N/A	8415-01-138-2503	N/A	N/A	2
		X-Large	N/A	8415-01-138-2504	N/A	N/A	2
	• Gloves, Chemical Protective (14 mil)	Small	N/A	8415-01-138-2497	N/A	N/A	2
		Medium	N/A	8415-01-138-2498	N/A	N/A	2
		Large	N/A	8415-01-138-2499	N/A	N/A	2
		X-Large	N/A	8415-01-138-2500	N/A	N/A	2
	• Gloves, Chemical Protective (25 mil)	X-Small	N/A	8415-01-144-1862	N/A	N/A	2
		Small	N/A	8415-01-033-3517	N/A	N/A	2
		Medium	N/A	8415-01-033-3518	N/A	N/A	2
		Large	N/A	8415-01-033-3519	N/A	N/A	2
		X-Large	N/A	8415-01-033-3220	N/A	N/A	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Gloves						
	•JSLIST Block 1 Glove Upgrade Program (JB1GU)	Set (S)	8415-20-001-3661	N/A	N/A	DLA	2
		Shell (S)	8415-20-001-4453	N/A	N/A	DLA	2
		Insert (S)	8415-20-00-3657	N/A	N/A	DLA	2
		Set (M)	8415-20-001-3662	N/A	N/A	DLA	2
		Shell (M)	8415-20-001-3653	N/A	N/A	DLA	2
		Insert (M)	8415-20-001-3658	N/A	N/A	DLA	2
		Set (L)	8415-20-001-3663	N/A	N/A	DLA	2
		Shell (L)	8415-20-001-3654	N/A	N/A	DLA	2
		Insert (L)	8415-20-001-3659	N/A	N/A	DLA	2
		Set (XL)	8415-20-001-3664	N/A	N/A	DLA	2
		Shell (XL)	8415-20-001-3655	N/A	N/A	DLA	2
		Insert (XL)	8415-20-001-3660	N/A	N/A	DLA	2
	•JSLIST Block 2 Glove Upgrade Program (JB2GU)	Small	8415-21-921-2165	N/A	N/A	DLA	2
		S-Narrow	8415-21-921-2163	N/A	N/A	DLA	2
		Medium	8415-21-921-2167	N/A	N/A	DLA	2
		M-Narrow	8415-21-921-2166	N/A	N/A	DLA	2
		Large	8415-21-921-2170	N/A	N/A	DLA	2
		L-Narrow	8415-21-921-2169	N/A	N/A	DLA	2
		X-Large	8415-21-921-2172	N/A	N/A	DLA	2
		XL-Narrow	8415-21-921-2171	N/A	N/A	DLA	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Filters						
	• C2/C2A1 Filter	C2/C2A1	4240-01-361-1319	5-3-120	N/A	TACOM-RI	9
	• M50 Series Filter	M50	4240-01-529-2289	8680-710-01-2 71024/1	N/A	TACOM-RI	9
	Masks						
	• A/P22P-14V Respirator Assembly (A/P22P)	A/P22P-14(V)	N/A	N/A	N/A	N/A	N/A
	• Aircrew Eye Respirator Protection (AERP)	MBU-19/P	N/A	N/A	N/A	N/A	N/A
	• Joint Service Aircrew Mask (JSAM)	N/A	N/A	N/A	N/A	N/A	N/A
	• MCU-2/P Protective Mask	Small	4240-01-175-3433	864-01-1	N/A	Air Force	7
		Medium	4240-01-175-3444	864-01-2	N/A	Air Force	7
		Large	4240-01-175-3445	864-01-3	N/A	Air Force	7
	• M20 Breathing Apparatus, Oxygen -Generating	M20	4240-00-678-5263	MIL-B-51254	C19640	TACOM-RI	2
	• M40 Chemical Biological Masks	Small	4240-01-258-0061	N/A	N/A	N/A	N/A
		Medium	4240-01-258-0062	N/A	N/A	N/A	N/A
		Large	4240-01-258-0063	N/A	N/A	N/A	N/A
	• M40A1 Chemical Biological Masks	Small	4240-01-370-3821	5-1-2740-10	M12418/18526	TACOM-RI	7
		Medium	4240-01-370-3822	5-1-2740-20	M12418/18526	TACOM-RI	7
		Large	4240-01-370-3823	5-1-2740-30	M12418/18526	TACOM-RI	7
	• M42A2 Chemical Biological Masks	Small	4240-01-413-4100	5-1-3328-10	M12418/18526	TACOM-RI	7
		Medium	4240-01-413-4101	5-1-3328-20	M12418/18526	TACOM-RI	7
		Large	4240-01-413-4102	5-1-3328-30	M12418/18526	TACOM-RI	7

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Masks						
	• M45 Land Warrior Chemical-Biological Mask	X-Small	4240-01-447-6989	5-1-2800-50	M12736	TACOM-RI	7
		Small	4240-01-447-6987	5-1-2800-60	M12736	TACOM-RI	7
		Medium	4240-01-447-8967	5-1-2800-70	M12736	TACOM-RI	7
		Large	4240-01-447-6988	5-1-2800-80	M12736	TACOM-RI	7
	• M45 Air Crew Chemical-Biological Mask	X-Small	4240-01-414-4034	5-1-2800-10	M12736	TACOM-RI	7
		Small	4240-01-414-4035	5-1-2800-20	M12736	TACOM-RI	7
		Medium	4240-01-414-4051	5-1-2800-30	M12736	TACOM-RI	7
		Large	4240-01-414-4052	5-1-2800-40	M12736	TACOM-RI	7
	• M48 Apache Aviator Chemical-Biological Protective Mask	Small	4240-01-386-0198	5-1-3300-10	M13515	TACOM-RI	7
		Medium	4240-01-386-4686	5-1-3300-20	M13515	TACOM-RI	7
		Large	4240-01-386-0201	5-1-3300-30	M13515	TACOM-RI	7
		X-Large	4240-01-386-0207	5-1-3300-40	M13515	TACOM-RI	7
	• M50 Joint Service General Purpose Mask (JSGPM) (Land Warrior)	Small	4240-01-512-4431	5-1-3526-10	M12986	TACOM-RI	2
		Medium	4240-01-512-4434	5-1-3526-20	M12986	TACOM-RI	2
		Large	4240-01-512-4437	5-1-3526-30	M12986	TACOM-RI	2
	• M51 Joint Service General Purpose Mask (JSGPM) (Combat Vehicle)	Small	4240-01-512-4429	5-1-3527-10	M12986	TACOM-RI	2
		Medium	4240-01-512-4435	5-1-3527-20	M12986	TACOM-RI	2
		Large	4240-01-512-4436	5-1-3527-30	M12986	TACOM-RI	2
	• M52 Joint Service Chemical Environment Survivability Mask (JSCESM)	M52	4240-01-517-8455	5/1/3530	N/A	TACOM-RI	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Masks						
	• M53 Joint Service General Purpose Mask (JSGPM) (Special Operations Variant)- Right Canister Mount	X-Small	4240-01-526-2163	5-1-3529-20	N/A	TACOM-RI	2
		Small	4240-01-526-3293	5-1-3529-40	N/A	TACOM-RI	2
		Medium	4240-01-526-2164	5-1-3529-60	N/A	TACOM-RI	2
		Large	4240-01-526-2168	5-1-3529-80	N/A	TACOM-RI	2
	• M53 Joint Service General Purpose Mask (JSGPM) (Special Operations Variant)- Left Canister Mount	X-Small	4240-01-526-2166	5-1-3529-10	N/A	TACOM-RI	2
		Small	4240-01-526-2167	5-1-3529-30	N/A	TACOM-RI	2
		Medium	4240-01-526-2165	5-1-3529-50	N/A	TACOM-RI	2
		Large	4240-01-526-2169	5-1-3529-70	N/A	TACOM-RI	2
	• Self-Contained Breathing Apparatus (SCBA)	N/A	4240-01-449-1526	8-1-821-1	B20095	TACOM-RI	2
	Over-Garments						
	• Alternative Footwear Solutions (AFS) and Integrated Footwear System (IFS)	X-Small	8430-01-553-6290	N/A	P38389	DLA	2
		Small	8430-01-536-5413	N/A	P38389	DLA	2
		Medium	8430-01-536-5415	N/A	P38389	DLA	2
		Large	8430-01-536-5416	N/A	P38389	DLA	2
		X-Large	8430-01-536-5419	N/A	P38389	DLA	2
		XX-Large	8430-01-553-6283	N/A	P38389	DLA	2
	• Footwear Covers	Small	8415-01-364-3458	8415-01-333-0990	C80245	DLA	2
		Medium	8415-01-364-3459	8415-01-333-0991	C80245	DLA	2
		Large	8415-01-364-3460	8415-01-333-0992	C80245	DLA	2
	• Green/Black Vinyl Overboots (GVO/BVO)	Size 3	8430-01-048-6305	8430-01-317-3374	N39848	DLA	2
		Size 4	8430-01-048-6306	8430-01-317-3375	N39848	DLA	2
		Size 5	8430-01-049-0878	8430-01-317-3376	N39848	DLA	2

INDIVIDUAL PROTECTION PRODUCTS	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
	Over-Garments						
	• Green/Black Vinyl Overboots (GVO/BVO)	Size 6	8430-01-049-0879	8430-01-317-3377	N39848	DLA	2
		Size 7	8430-01-049-0880	8430-01-049-0880	N39848	DLA	2
		Size 8	8430-01-049-0881	8430-01-317-3379	N39848	DLA	2
		Size 9	8430-01-049-0882	8430-01-317-3380	N39848	DLA	2
		Size 10	8430-01-049-0883	8430-01-317-3381	N39848	DLA	2
		Size 11	8430-01-049-0884	8430-01-317-3382	N39848	DLA	2
		Size 12	8430-01-049-0885	8430-01-317-3383	N39848	DLA	2
		Size 13	8430-01-049-0886	8430-01-317-3384	N39848	DLA	2
	Size 14	8430-01-049-0887	8430-01-317-3385	N39848	DLA	2	
	• Joint Service Lightweight Integrated Technology (JSLIST) Ensemble						
	· JSLIST Woodland Coats	S/X-short	8415-01-444-1163	8415-01-444-5902	J26086	DLA	2
		S/Short	8415-01-444-1169	8415-01-444-5905	J26086	DLA	2
		M/Short	8415-01-444-1200	8415-01-444-5913	J26086	DLA	2
		M/Reg	8415-01-444-1238	8415-01-444-5926	J26086	DLA	2
		M/Long	8415-01-444-1249	8415-01-444-6116	J26086	DLA	2
		L/Reg	8415-01-444-1265	8415-01-444-6138	J26086	DLA	2
		L/Long	8415-01-444-1270	8415-01-444-6131	J26086	DLA	2
		XL/Reg	8415-01-509-8296	8415-01-509-8314	J26086	DLA	2
		XL/Long	8415-01-505-1241	8415-01-505-1616	J26086	DLA	2
		2XL/Long	8415-01-505-1245	8415-01-505-1622	J26086	DLA	2
3XL/Long		8415-01-506-7546	8415-01-506-7710	J26086	DLA	2	

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	• Joint Service Lightweight Integrated Technology (JSLIST) Ensemble						
	• JSLIST Desert Coats	S/X-short	8415-01-444-5902	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		S/Short	8415-01-444-5905	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		M/Short	8415-01-444-5913	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		M/Reg	8415-01-444-5926	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		M/Long	8415-01-444-6116	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		L/Reg	8415-01-444-6138	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		L/Long	8415-01-444-6131	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		XL/Reg	8415-01-509-8314	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		XL/Long	8415-01-505-1616	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		2XL/Long	8415-01-505-1622	PD 97-04/MIL-DTL-32102	J26018	DLA	2
		3XL/Long	8415-01-506-7710	PD 97-04/MIL-DTL-32102	J26018	DLA	2
	• JSLIST Trousers	S/X-short	8415-01-444-1435	8415-01-444-5417	J38826/J26068	DLA	2
		S/Short	8415-01-444-1439	8415-01-444-5504	J38826/J26068	DLA	2
		M/Short	8415-01-444-1613	8415-01-444-5506	J38826/J26068	DLA	2
		M/Reg	8415-01-444-2310	8415-01-444-5893	J38826/J26068	DLA	2
		M/Long	8415-01-444-2308	8415-01-444-5892	J38826/J26068	DLA	2
		L/Reg	8415-01-444-2325	8415-01-444-5898	J38826/J26068	DLA	2
		L/Long	8415-01-444-2338	8415-01-444-5900	J38826/J26068	DLA	2
		XL/Reg	8415-01-509-8265	8415-01-509-8269			
		XL/Long	8415-01-505-1274	8415-01-505-1567			
		2XL/Long	8415-01-505-1277	8415-01-505-1591			
		3XL/Long	8415-01-506-7698	8415-01-506-7713			

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	• Joint Service Lightweight Integrated Technology (JSLIST) Ensemble						
	· Universal Camouflage Coat		8415-15-01-553			DLA	2
	· Universal Camouflage Trouser		8415-15-01-552			DLA	2
	Over-Garments						
	• JSLIST Combat Vehicle Crewman (CVC) Chemical/Biological Coverall (JC3)	XS/Short	8415-01-554-7184	N/A	N/A	N/A	N/A
		XS/Reg	8415-01-554-7206	N/A	N/A	N/A	N/A
		XS/Long	8415-01-554-7248	N/A	N/A	N/A	N/A
		S/Short	8415-01-554-7189	N/A	N/A	N/A	N/A
		S/Reg	8415-01-554-7208	N/A	N/A	N/A	N/A
		S/Long	8415-01-554-7256	N/A	N/A	N/A	N/A
		M/Short	8415-01-554-7191	N/A	N/A	N/A	N/A
		M/Reg	8415-01-554-7211	N/A	N/A	N/A	N/A
		M/Long	8415-01-554-7254	N/A	N/A	N/A	N/A
		M/X-Long	8415-01-554-7263	N/A	N/A	N/A	N/A
		L/Short	8415-01-554-7196	N/A	N/A	N/A	N/A
		L/Reg	8415-01-554-7233	N/A	N/A	N/A	N/A
		L/Long	8415-01-554-7257	N/A	N/A	N/A	N/A
		L/X-Long	8415-01-554-7267	N/A	N/A	N/A	N/A
		XL/Short	8415-01-554-7201	N/A	N/A	N/A	N/A
		XL/Reg	8415-01-554-7246	N/A	N/A	N/A	N/A
		XL/Long	8415-01-554-7261	N/A	N/A	N/A	N/A
		XL/X-Long	8415-01-554-7268	N/A	N/A	N/A	N/A
	• Lightweight Chemical Biological Ensemble (LCBE)	N/A	N/A	N/A	N/A	N/A	N/A

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Over-Garments						
	• Multipurpose Over Boot Program (MULO)	Size 3	8430-01-464-9453	2-1-2039-3	N/A	DLA	2
		Size 4	8430-01-464-9458	2-1-2039-4	N/A	DLA	2
		Size 5	8430-01-464-9459	2-1-2039-5	N/A	DLA	2
		Size 6	8430-01-464-9461	2-1-2039-6	N/A	DLA	2
		Size 7	8430-01-464-9462	2-1-2039-7	N/A	DLA	2
		Size 8	8430-01-464-9464	2-1-2039-8	N/A	DLA	2
		Size 9	8430-01-464-9474	2-1-2039-9	N/A	DLA	2
		Size 10	8430-01-464-9475	2-1-2039-10	N/A	DLA	2
		Size 11	8430-01-464-9477	2-1-2039-11	N/A	DLA	2
		Size 12	8430-01-464-9480	2-1-2039-12	N/A	DLA	2
		Size 13	8430-01-464-9479	2-1-2039-13	N/A	DLA	2
		Size 14	8430-01-464-9484	2-1-2039-14			
	• Saratoga Chemical Biological Chemical Protection Suit	N/A	N/A	N/A	N/A	N/A	N/A
	Protective Suites						
	• Improved Toxicological Agent Protective (ITAP) Ensemble	Small	8415-01-463-7151	C5P9D0400-1	N/A	TACOM-RI	2
		Medium	8415-01-463-7150	C5P9D0400-2	N/A	TACOM-RI	2
		Large	8415-01-463-5829	C5P9D0400-3	N/A	TACOM-RI	2
		X-Large	8415-01-463-5830	C5P9D0400-4	N/A	TACOM-RI	2
	• Joint Chemical Ensemble (JCE)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Firefighter Integrated Response Ensemble (JFIRE)	N/A	N/A	N/A	N/A	N/A	N/A
	• Joint Protective Air Crew Ensemble (JPACE)	N/A	N/A	N/A	N/A	N/A	N/A

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Protective Suits						
	• Self-Contained Toxic Environment Protective Outfit (STEPO)	Small	8415-01-452-6772	8-1-491-1	S58144	TACOM-RI	2
		Medium	8415-01-452-8631	8-1-491-2	S58144	TACOM-RI	2
		Large	8415-01-454-1627	8-1-491-3	S58144	TACOM-RI	2
		X-Large	8415-01-452-8629	8-1-491-4	S58144	TACOM-RI	2
	• Suit Contamination Avoidance Liquid Protection (SCALP)	Small	8415-01-364-3320	8415-01-333-0987	C20369	DLA	2
		Medium/Large	8415-01-364-3321	8415-01-333-0998	C20369	DLA	2
		X-Large/XX-Large	8415-01-364-3322	8415-01-333-0989	C20369	DLA	2
	Testers						
	• Joint Service Mask leakage Tester (JSMLT)	M46	6665-01-506-9002	03001A0001	N/A	Air Force/ USMC	N/A
	• M14 Mask Leakage Tester	M14	6665-00-911-3552	136-42-750-0	W03346	DLA	7
	• M41 Protection Assessment Test System (PATS)	M41	4240-01-365-8241	5/1/3326	T62350	TACOM-RI	7
	Under-Garments						
	• Undershirt, Chemical Protective Undergarment (CPU)	Size 32	8415-01-363-8692	CN/PD 02-01	N/A	DLA	2
		Size 34	8415-01-363-8693	CN/PD 02-01	N/A	DLA	2
		Size 36	8415-01-363-8694	CN/PD 02-01	N/A	DLA	2
		Size 38	8415-01-363-8695	CN/PD 02-01	N/A	DLA	2
		Size 40	8415-01-363-8696	CN/PD 02-01	N/A	DLA	2
		Size 42	8415-01-363-8697	CN/PD 02-01	N/A	DLA	2
		Size 44	8415-01-363-8698	CN/PD 02-01	N/A	DLA	2
		Size 46	8415-01-363-8699	CN/PD 02-01	N/A	DLA	2
		Size 48	8415-01-363-8700	CN/PD 02-01	N/A	DLA	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Under-Garments						
	• Undershirt, Chemical Protective Undergarment (CPU)	Size 50	8415-01-488-5715	CN/PD 02-01	N/A	DLA	2
		Size 52	8415-01-488-5717	CN/PD 02-01	N/A	DLA	2
		Size 54	8415-01-488-5716	CN/PD 02-01	N/A	DLA	2
	• Drawers, Chemical Protective Undergarment (CPU)	26 inch	8415-01-363-8683	CN/PD 02-01	N/A	DLA	2
		28 inch	8415-01-363-8684	CN/PD 02-01	N/A	DLA	2
		30 inch	8415-01-363-8685	CN/PD 02-01	N/A	DLA	2
		32 inch	8415-01-363-8686	CN/PD 02-01	N/A	DLA	2
		34 inch	8415-01-363-8687	CN/PD 02-01	N/A	DLA	2
		36 inch	8415-01-363-8688	CN/PD 02-01	N/A	DLA	2
		38 inch	8415-01-363-8689	CN/PD 02-01	N/A	DLA	2
		40 inch	8415-01-363-8690	CN/PD 02-01	N/A	DLA	2
	• Drawers, Chemical Protective Undergarment (CPU)	42 inch	8415-01-363-8691	CN/PD 02-01	N/A	DLA	2
		44 inch	8415-01-488-5719	CN/PD 02-01	N/A	DLA	2
		46 inch	8415-01-488-5722	CN/PD 02-01	N/A	DLA	2
		48 inch	8415-01-488-5720	CN/PD 02-01	N/A	DLA	2
	• Multipurpose Protective Sock Program (MPS)	N/A	N/A	N/A	N/A	N/A	2
	• Socks, Chemical Protective	X-Small	8415-01-509-2875	CN/PD 02-01	N/A	DLA	2
		Small	8415-01-509-2877	CN/PD 02-01	N/A	DLA	2
		Medium	8415-01-509-2879	CN/PD 02-01	N/A	DLA	2
		Large	8415-01-509-2882	CN/PD 02-01	N/A	DLA	2
		X-Large	8415-01-509-2883	CN/PD 02-01	N/A	DLA	2

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
INDIVIDUAL PROTECTION PRODUCTS	Under-Garments						
	• Undershirt, Microclimate Pass-Thru (MCP)	Size 32	8415-01-497-7963	CN/PD 02-01	N/A	DLA	2
		Size 34	8415-01-497-7966	CN/PD 02-01	N/A	DLA	2
		Size 36	8415-01-497-7967	CN/PD 02-01	N/A	DLA	2
		Size 38	8415-01-497-7969	CN/PD 02-01	N/A	DLA	2
		Size 40	8415-01-497-7975	CN/PD 02-01	N/A	DLA	2
		Size 42	8415-01-497-7976	CN/PD 02-01	N/A	DLA	2
		Size 44	8415-01-497-7977	CN/PD 02-01	N/A	DLA	2
		Size 46	8415-01-497-7978	CN/PD 02-01	N/A	DLA	2
		Size 48	8415-01-497-7980	CN/PD 02-01	N/A	DLA	2
		Size 50	8415-01-497-7982	CN/PD 02-01	N/A	DLA	2
		Size 52	8415-01-497-7983	CN/PD 02-01	N/A	DLA	2
		Size 54	8415-01-497-7984	CN/PD 02-01	N/A	DLA	2
INFORMATION SYSTEMS PRODUCTS	Joint Effects Model (JEM)	N/A	N/A	N/A	N/A	JPM-Info Systems	N/A
	Joint Warning and Reporting Network (JWARN)	N/A	N/A	N/A	N/A	JPM-Info Systems	N/A
	JWARN Component Interface Device (JCID)	N/A	N/A	N/A	N/A	JPM-Info Systems	N/A
	JWARN Initial Capability (JIC)	N/A	N/A	N/A	N/A	N/A	N/A

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
MEDICAL SYSTEMS PRODUCTS	Advanced Anticonvulsant System (AAS)	N/A	N/A	N/A	N/A	N/A	N/A
	Antidote Treatment Nerve Agent Autoinjector (ATNAA)	N/A	6505-01-362-7427	N/A	N/A	N/A	N/A
	Atropine Auto Injector (Atropen) 0.7ML	N/A	6505-00-926-9083	11704-101-01	N/A	DLA	8
	Atropine Sulfate Inhalation Aerosol	N/A	6505-01-332-1281	N/A	N/A	N/A	N/A
	Bioscavenger	N/A	N/A	N/A	N/A	N/A	N/A
	Chemical Protective Sleeping Bag, Patient Wrap and Litter	N/A	6530-01-383-6260	N/A	N/A	DLA	8
	Ciprofloxacin 500 mg Tab 100s BTL+	N/A	6505-01-333-4154	N/A	N/A	DLA	8
	Convulsant Antidote for Nerve Agent Autoinjector (CANA)	N/A	6505-01-274-0951	N/A	N/A	N/A	N/A
	Critical Reagents Program (CRP)	N/A	N/A	N/A	N/A	N/A	N/A
	Cyanide Antidote Treatment Kit W/AMYL Nitrate Syringe Needles 22S	N/A	6505-01-143-4641	11098-507-01	N/A	DLA	8
	Diazepam Injection	N/A	6505-01-505-3476	N/A	N/A	N/A	N/A
	Doxycycline Hyclate Tablets 100 mg, 500s+	N/A	6505-01-153-4335	61717	N/A	DLA	8
	Dry Powder Inhalation Atropine (DPIA)	N/A	N/A	N/A	N/A	N/A	N/A
	Improved Nerve Agent Treatment System (INATS)	N/A	N/A	N/A	N/A	N/A	N/A
	Joint Biological Agent Identification and Diagnostic System (JBAIDS)	N/A	N/A	N/A	N/A	N/A	N/A
	Medical Aerosolized Nerve Agent Antidote (MANAA)	N/A	6505-01-332-1281	N/A	N/A	N/A	N/A
	Medical Radiological Countermeasures (MRADC)	N/A	N/A	N/A	N/A	N/A	N/A
	Nerve Agent Antidote Kit (Mark 1/NAAK)	N/A	6505-01-174-9919	11704-101-01	N/A	DLA	8
	Pralidoxime Chloride Autoinjector	N/A	6505-01-125-3248	11704-620-01	N/A	DLA	8
	Pyridostigmine Bromide Tabs USP 30 mg I.S. (SNAPP)	N/A	6505-01-178-7903	N/A	N/A	DLA	8

	ITEM	MODEL NUMBER	NSN	PART NUMBER	LINE ITEM NUMBER	SOURCE OF SUPPLY	SUPPLY CLASS
MEDICAL SYSTEMS PRODUCTS	Skin Exposure Reduction Paste Against Chemical Warfare Agents (SERPACWA)	N/A	6505-01-483-7162	N/A	N/A	DLA	8
	Soman Nerve Agent Pretreatment Pyridostigmine (SNAPP)	N/A	6505-01-483-7162	N/A	N/A	N/A	N/A
	Vaccines						
	Anthrax Vaccine Adsorbed (AVA)	N/A	6505-01-399-6825	N/A	N/A	N/A	N/A
	Filovirus	N/A	N/A	N/A	N/A	N/A	N/A
	Next Generation Anthrax Vaccine (NGAV)	N/A	N/A	N/A	N/A	N/A	N/A
	Plague	N/A	6505-00-160-7000	N/A	N/A	N/A	N/A
	Recombinant Botulinum Bivalent (rBV A/B)	N/A	N/A	N/A	N/A	N/A	N/A
	Smallpox	N/A	6505-01-559-0815	N/A	N/A	N/A	N/A
	Tularemia	N/A	N/A	N/A	N/A	N/A	N/A
	Vaccinia Immune Globulin Intravenous (VIGIV)	N/A	6505-01-542-7927	N/A	N/A	N/A	N/A
	V3526 Venezuelan Equine Encephalitis (VEE)	N/A	N/A	N/A	N/A	N/A	N/A

Acquisition Category I (ACAT I)

ACAT I programs are Major Defense Acquisition Programs (MDAP). An MDAP is defined as a program estimated by the Under Secretary of Defense for Acquisition, Technology & Logistics (USD(AT&L)) to require eventual expenditure for research, development, test, and evaluation (RDT&E) of more than \$355M (FY 1996 constant dollars) or procurement of more than \$2.135B (FY 1996 constant dollars), or those designated by the USD(AT&L) to be ACAT I (10 United States Code 2430). ACAT I programs have two sub-categories:

1. ACAT ID, for which the Milestone Decision Authority (MDA) is USD(AT&L). The D refers to the Defense Acquisition Board (DAB), which advises the USD(AT&L) at major decision points.
2. ACAT IC, for which the MDA is the DoD Component Head or, if delegated, the Component Acquisition Executive (CAE) – Assistant Secretary of the Navy for Research, Development, and Acquisition for Navy. The C refers to Component.

The USD(AT&L) designates programs as ACAT ID or ACAT IC.

Acquisition Category II (ACAT II)

ACAT II programs are defined as those acquisition programs that do not meet the criteria for an ACAT I program, but do meet the criteria for a major system. A major system is defined as a program estimated by the DoD Component Head to require eventual expenditure for research, development, test, and evaluation of more than \$75M in FY 1980 constant dollars (approximately \$140M in FY 1996 constant dollars), or for procurement of more than \$300M in FY 1980 constant dollars (approximately \$645M in FY 1996 constant dollars), or those designated by the DoD Component Head to be ACAT II (10 U.S.C. 2302(5)). The MDA is the CAE.

Acquisition Category III (ACAT III)

ACAT III programs are defined as those acquisition programs that do not meet the criteria for an ACAT I, an ACAT IA, or an ACAT II. The MDA is designated by the CAE and shall be at the lowest appropriate level. This category includes less-than-major Automated Information Systems (AIS).

Acquisition Category IA (ACAT IA)

ACAT IA programs are Major Automated Information Systems (MAIS). A MAIS is estimated by the Assistant Secretary of Defense for Command, Control, Communications, and Intelligence (ASD(C3I)) to require program costs for any single year in excess of \$30M (FY 1996 constant dollars), total program in excess of \$120M (FY 1996 constant dollars), or total lifecycle costs in excess of \$360M (FY 1996 constant dollars), or those designated by the ASD (C3I) to be ACAT IA. ACAT IA programs have two sub-categories:

1. ACAT IAM for which the MDA is the Office of the Secretary of Defense (OSD) Chief Information Officer (CIO) (the ASD (C3I)). The M refers to Major Automated Information Systems Review Council (MAISRC).
2. ACAT IAC, for which the MDA is the CIO. The C refers to Component.

Acquisition Lifecycle

The management framework for defense systems acquisition is commonly referred to as the acquisition lifecycle. Program managers tailor/streamline this model to the maximum extent possible, consistent with technical risk, to provide new systems to the Warfighter as fast as possible. The process provides for multiple entry points consistent with a program's technical maturity, validated requirements, and funding. Entrance criteria for each phase of the lifecycle guide the MDA in determining the appropriate point for a program to enter the acquisition process.

The lifecycle process consists of periods of time called phases separated by decision points called milestones. Some phases are divided into two efforts separated by program reviews. These milestones and other decision points provide both the program manager and MDAs the framework with which to review acquisition programs, monitor and administer progress, identify problems, and make corrections. The MDA will approve entrance into the appropriate phase or effort of the acquisition process by signing an acquisition decision memorandum upon completion of a successful decision review.

The lifecycle of a program begins with planning to satisfy a mission need before the program officially begins. Program initiation normally occurs at MS B. The lifecycle process takes the program through research, development, production, deployment, support, upgrade, and finally, demilitarization and disposal.

Acquisition Phase

All the tasks and activities needed to bring a program to the next major milestone occur during an acquisition phase. Phases provide a logical means of progressively translating broadly stated mission needs into well-defined system-specific requirements and ultimately into operationally effective, suitable, and survivable systems.

Applied Research

Translates promising basic research into solutions for broadly defined military needs, short of development projects. This type of effort may vary from systematic mission-directed research, which is beyond that in Budget Activity 1, to sophisticated breadboard hardware, study, programming, and planning efforts that establish the initial feasibility and practicality of proposed solutions to technological challenges. These funds are normally applied during concept refinement.

Armed Forces

The Armed Forces of the United States of America consist of the U.S. Army, U.S. Navy, U.S. Air Force, U.S. Marine Corps, and U.S. Coast Guard.

[Note: The U.S. Coast Guard has both military and law enforcement functions. Title 14, U.S.C., Section 1, states "The Coast Guard as established January 28, 1915, shall be a military service and a branch of the armed forces of the United States at all times." In peacetime it is part of the Department of Homeland Security, but in wartime becomes part of the Department of Defense. Coast Guard units have seen combat in every war of the United States, including the U.S. occupation of Iraq.]

The combined U.S. Armed Forces consists of 1.4 million active duty personnel along with several hundred thousand each in the Reserve and National Guard. The U.S. military is a hierarchical military organization, with a system of military ranks to denote levels of authority within the organization. The military Service is divided into a professional officer corps along with a greater number of enlisted personnel who perform day-to-day military operations. Unlike certain other countries, the U.S. officer corps is not restricted by society class, education, or nobility. U.S. military officers are appointed from a variety of sources, including the Service academies, Reserve Officer Training Corps (ROTC), and direct appointment from both civilian status and the enlisted ranks.

Basic Research

All efforts and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs.

Capability

The ability to execute a specified course of action. (A capability may or may not be accompanied by an intention.)

Capability Development Document (CDD)

A document that captures the information necessary to develop a proposed program(s), normally using an evolutionary acquisition strategy. The CDD outlines an affordable increment of militarily useful, logistically supportable and technically mature capability. The CDD supports a MS B decision review. The CDD format is contained in Chairman of the Joint Chiefs of Staff Memorandum (CJCSM) 3170.01.

Capability Production Document (CPD)

A document that addresses the production elements specific to a single increment of an acquisition program. The CPD must be validated and approved before a MS C decision review. The refinement of performance attributes and Key Performance Parameters (KPP) is the most significant difference between the CDD and CPD. The CPD format is contained in CJCSM 3170.01.

Chemical and Biological Defense Program (CBDP)

The vision of the CBDP is to ensure that DoD operations are unconstrained by CBRN effects. The mission of the CBDP is to provide CBRN defense capabilities in support of the national military strategies. This mission includes all aspects of developing capabilities in support of CBRN defense in support of specific mission areas for CWMD. The *Quadrennial Defense Review (QDR)* highlighted the need for specific capabilities within the CBDP, including improved standoff detection capabilities and improved MCMs against chemical and biological threats that meet FDA licensure regulations and protocols.

Section 1522 of title 50, U.S.C., requires the Secretary of Defense to assign responsibility for overall coordination and integration of the CB warfare defense program and the CB medical defense program to a single office within the OSD. The Secretary assigned this responsibility to the Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Defense Programs (ATSD(NCB)), creating a focal point within the DoD for CBRN defense.

Commercial off-the-Shelf (COTS)

Commercial items that require no unique government modifications or maintenance over the lifecycle of the product to meet the needs of the procuring agency.

Department of Defense Directive (DoDD) 5000.01, *The Defense Acquisition System*

The Defense Acquisition System exists to manage the nation's investments in technologies, programs, and product support necessary to achieve the National Security Strategy and support the U.S. Armed Forces. The investment strategy of the DoD shall be postured to support not only today's force, but also the next force, and future forces beyond that. The primary objective of Defense acquisition is to acquire quality products that satisfy user needs with measurable improvements to mission capability and operational support, in a timely manner, and at a fair and reasonable price.

Department of Defense Instruction (DoDI) 5000.02, *Operation of the Defense Acquisition System*

Establishes a simplified and flexible management framework for translating capability needs and technology opportunities, based on approved capability needs, into stable, affordable, and well-managed acquisition programs that include weapon systems, services, and AIS. Consistent with statutory requirements, it authorizes MDAs to tailor the regulatory information requirements and acquisition process procedures in DoDI 5000.02 to achieve cost, schedule, and performance goals.

Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, and Facilities (DOTMLPF)

The first sub-step in the Functional Solution Analysis (FSA). It determines whether an integrated DOTMLPF approach (that is, a non-materiel approach) or a materiel approach is required to fill the capability gaps identified in the Functional Need Analysis (FNA). Capability proposals may involve a mix of both DOTMLPF and materiel changes.

Evolutionary Acquisition (EA)

The preferred DoD strategy for rapid acquisition of mature technology for the user according to DoDI 5000.02. An evolutionary approach delivers capability in increments, recognizing up front the need for future capability improvements. There are two approaches to achieving an EA: Spiral Development and Incremental Development, as noted below:

1. **Spiral Development:** In this process, a desired capability is identified, but the end-state requirements are not known at program initiation. Requirements are refined through demonstration, risk management, and continuous user feedback. Each increment provides the best possible capability, but the requirements for future increments depend on user feedback and technology maturation. According to DoDD 5000.01, spiral development is the preferred process for executing an EA strategy.
2. **Incremental Development:** In this process, a desired capability is identified, an end-state requirement is known, and that requirement is met over time by developing several increments, each dependent on available mature technology.

First Unit Equipped (FUE)

The scheduled date system or end item and its agreed upon support elements are issued to the designated IOC unit and training specified in the new equipment training plan has been accomplished.

Fiscal Year (FY)

For the U.S. government (USG), the period covering October 1 to September 30 (12 months).

Full Operational Capability (FOC)

The full attainment of the capability to employ effectively a weapon, item of equipment, or system of approved specific characteristics, which is manned and operated by a trained, equipped, and supported military unit or force.

Full Rate Production (FRP)

Contracting for economic production quantities following stabilization of the system design and validation of the production process.

Initial Capabilities Document (ICD)

Documents the need for a materiel approach to a specific capability gap derived from an initial Analysis of Materiel Approaches (AMA) executed by the operational user and, as required, an independent analysis of materiel alternatives. The ICD defines the gap in terms of the functional area, the relevant range of military operations, desired effects, and time. It also summarizes the results of DOTMLPF analysis and describes why nonmaterial changes alone have been judged inadequate in fully providing the capability.

Initial Operational Capability (IOC)

The first attainment of the capability to employ effectively a weapon, item of equipment, or system of approved specific characteristics with the appropriate number, type, and mix of trained and equipped personnel necessary to operate, maintain, and support the system. It is normally defined in the CDD and the CPD.

Joint Science and Technology Office for Chemical and Biological Defense (JSTO-CBD)

Within the CBDP, the JSTO-CBD was established in 2003. The JSTO-CBD fills a crucial role by managing and integrating CB S&T solutions to reduce the CBR threat to the military and defend the homeland.

Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD)

Within the CBDP, the JPEO-CBD is the single focal point for research, development, acquisition, fielding, and lifecycle support for CB defense equipment and MCMs.

Joint Project Manager (JPM)

Within the CBDP, the JPEO-CBD is segmented by nine JPMs: JPM – Biological Defense, JPM – Chemical and Biological Medical Systems, JPM – Collective Protection, JPM – Nuclear, Biological, and Chemical Contamination Avoidance, JPM – Decontamination, JPM – Guardian, JPM – Individual Protection, JPM – Information Systems, and JPM – Transformational Medical Technologies Initiative (Provisional).

Key Acquisition Documents

Documents in the acquisition process that reflect support inputs include the ICD, AoA, CDD, CPD, Test and Evaluation Master Plan (TEMP), Acquisition Program Baseline (APB), and the contract.

Materiel

The equipment, apparatus, and supplies of a military force or other organization. Materiel relates to the specific needs of a force to complete a specific mission.

Milestone Decision Authority (MDA)

Designated individual with overall responsibility for a program. The MDA shall have the authority to approve entry of an acquisition program into the next phase of the acquisition process and shall be accountable for cost, schedule, and performance reporting to higher authority, including congressional reporting.

Off-the-Shelf

Procurement of existing systems or equipment without a RDT&E program or with minor development to make system suitable for DoD needs. May be commercial system/equipment or one already in DoD inventory.

Operational Capability

The measure of the results of the mission, given the condition of the systems during the mission (dependability).

Operational Capability Area

Established within the CBDP, this Joint Integrating Concept for CBRN defense is segmented into four operational capability areas: Sense – CBRN sensor integration, detection, and identification; Shape – battlespace management, integrated early warning, and battlespace analysis; Shield – individual and collective protection, and medical pretreatments; and Sustain – decontamination and restoration, and medical therapeutics and diagnostics.

Planning, Programming, Budgeting, and Execution (PPBE) Process

The PPBE process is a time-driven resource allocation process to request funding for all operations, including weapon system development and acquisition. It is essential to convert each program's event-driven acquisition strategy and phasing into the PPBE Process calendar-driven funding profiles to ensure that the appropriate amount and type of funds are available to execute the desired program.

Product Manager (PM)

The PM is delegated authority and assigned responsibility for centralized management of a development or acquisition program that does not qualify for project management. PM positions are usually at the rank of Lieutenant Colonel or GS-14.

Program Initiation

The point at which a program formally enters the acquisition process. Under DoDI 5000.02, program initiation normally occurs at MS B, but may also occur at other milestones/decision points depending upon technology maturity and risk. At program initiation, a program must be fully funded across the Future Years Defense Program (FYDP) as a result of the POM/budget process, that is, have an approved resource stream across a typical defense program cycle (e.g., FY 2010-2015). Concept Refinement (CR) and Technology Development (TD) phases are typically not fully funded and do not constitute program initiation of a new acquisition program in the sense of DoDI 5000.02.

Sense

An operational capability area within the CBDP, Sense is the capability to continually provide information about the CBRN situation at a time and place by detecting, identifying, and quantifying CBRN hazards in air, water, and equipment or facilities, or on land and personnel in all physical states (e.g., solid, liquid, and gas).

Shape

An operational capability area within the CBDP, Shape is the capability to characterize the CBRN hazard to the JFC. CBRN hazard characterization is the process by which the JFC develops a clear understanding of the current and predicted CBRN situation; collects, queries, and assimilates information from sensors, intelligence, and medical surveillance in NRT to inform personnel and provide actual and potential impacts of CBRN hazards; envisions critical Sense, Shield, And Sustain end states; and visualizes the sequence of events that move the Joint Force from its current state to those end states.

Shield

An operational capability area within the CBDP, Shield is the capability to protect the Joint Force from CBRN hazards by preventing or reducing individual and collective exposures, applying prophylaxis to prevent or mitigate negative physiological effects, and protecting critical equipment.

Sustain

An operational capability area within the CBDP, Sustain is the capability to conduct decontamination and medical actions that enable the quick restoration of combat power, maintain and recover essential functions that are free from the effects of CBRN hazards, and facilitate the return to pre-incident operational capability as rapidly as possible.

Sustainment

The provision of logistics and personnel services required to maintain and prolong operations until successful mission accomplishment.

System of Systems (SoS)

A set or arrangement of interdependent systems that are related or connected to provide a given capability. The loss of any part of the system will degrade the performance or capabilities of the whole.

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X

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Y

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Z

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A

ACAA Automatic Chemical Agent Alarm
 ACADA Automatic Chemical Agent Detector and Alarm
 ACAT Acquisition Category
 AFRL Air Force Research Laboratory
 AFS Alternative Footwear Solution
 AFS-SV Alternative Footwear Solution Special Operations Variant
 AIS Automated Information System
 AMA Analysis of Materiel Approaches
 anti-G Antigravity
 APB Acquisition Program Baseline
 APG Aberdeen Proving Ground
 APR Air Purifying Respirator
 ASD(C3I) Assistant Secretary of Defense for Command, Control, Communications, and Intelligence
 ATNAA Antidote Treatment Nerve Agent Autoinjector
 AVA Anthrax Vaccine Adsorbed

B

BD Biological Detection
 BIDS Biological Integrated Detection System
 BSCAVII Bioscavenger Increment II
 BW Biological Warfare
 BWA Biological Warfare Agent

C

C2 Command and Control
 CAE Component Acquisition Executive
 CALS Common Analytical Laboratory System
 CAM Chemical Agent Monitor

CB Chemical and Biological
 CBDP Chemical and Biological Defense Program
 CBMS-JVAP Chemical Biological Medical Systems-Joint Vaccine Acquisition Program
 CBPS Chemical and Biological Protective Shelter
 CBR Chemical, Biological, and Radiological
 CBRN Chemical, Biological, Radiological, and Nuclear
 CBRN DR SKO Chemical, Biological, Radiological, and Nuclear Dismounted Reconnaissance Sets, Kits, and Outfits
 CBRN IPP Chemical, Biological, Radiological, and Nuclear Installation Protection Program
 CBRNE Chemical, Biological, Radiological, Nuclear, and (High-Yield) Explosive
 CBRN-UIPE Chemical, Biological, Radiological, and Nuclear Uniform Integrated Protective Ensemble
 CDD Capability Development Document
 CH EMF Chemically Hardened Expeditionary Medical Facility
 CHR Contaminated Human Remains
 CHRP Contaminated Human Remains Pouch
 CHRT Contaminated Human Remains Transfer
 CIC Combat Information Center
 CIO Chief Information Officer
 CJCSM Chairman of the Joint Chiefs of Staff Memorandum
 CMT Consequence Management Team
 CP DEPMEDS Chemically Protected Deployable Medical System
 CPC Chemical Protective Clothing
 CPD Capability Production Document

CPFH Collectively Protected Field Hospital
 CPS-BKFT Collective Protection System Backfit Program
 CR Concept Refinement
 CST Civil Support Team
 CVC Combat Vehicle Crewmen
 CWA Chemical Warfare Agent
 CWMD Combating Weapons of Mass Destruction

D

DAB Defense Acquisition Board
 DEPMEDS Deployable Medical System
 DFoS Decontamination Family of Systems
 DoD U.S. Department of Defense
 DOTMLPF Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, and Facilities
 DT Developmental Testing
 DTRA Defense Threat Reduction Agency

E

EA Evolutionary Acquisition
 ECBC Edgewood Chemical Biological Center
 EMD Engineering and Manufacturing Development
 EMEDS Expeditionary Medical Support
 EMF Expeditionary Medical Facility

F

FAT First Article Test
 FDA U.S. Food and Drug Administration
 FNA Functional Need Analysis
 FOC Full Operational Capability

FoS.....Family of Systems
 FRP.....Full Rate Production
 FSAFunctional Solution Analysis
 FUEFirst Unit Equipped
 FW.....Fixed Wing
 FYDPFuture Years Defense Program

G

GD-ATP.....General Dynamics-Armament and Technical Products
 GLPGood Laboratory Practice

H

HRDS.....Human Remains Decontamination System
 HuBChE.....Human Butyrylcholinesterase

I

ICAMImproved Chemical Agent Monitor
 ICDInitial Capabilities Document
 ICPIncident Command Post
 IFS.....Integrated Footwear System
 IHADSSIntegrated Helmet and Display Sighting System
 INATSImproved Nerve Agent Treatment System
 IOCInitial Operational Capability
 IPE.....Individual Protective Equipment
 IPRIn-Process Review
 ITFInternational Task Force

J

JB2GUJSLIST Block 2 Glove Upgrade
 JBAIDSJoint Biological Agent Identification and Diagnostic System

JBPDSJoint Biological Point Detection System
 JBSDSJoint Biological Standoff Detection System
 JBTDSJoint Biological Tactical Detection System
 JC3JSLIST CVC CB Coverall
 JCAD.....Joint Chemical Agent Detector
 JCBRAWM.....Joint Chemical, Biological, and Radiological Agent Water Monitor
 JECPJoint Expeditionary Collective Protection
 JEF.....Joint Expeditionary Forces
 JEMJoint Effects Model
 JFCJoint Force Commander
 JMDS.....Joint Material Decontamination System
 JPACEJoint Protective Aircrew Ensemble
 JPEO-CBD.....Joint Program Executive Office for Chemical and Biological Defense
 JPIDJoint Platform Interior Decontamination
 JPMJoint Project Manager
 JPM-BDJoint Project Manager Biological Defense
 JPM-CBMSJoint Project Manager Chemical Biological Medical Systems
 JPM-ColPro.....Joint Project Manager Collective Protection
 JPM-DeconJoint Project Manager Decontamination
 JPM-Guardian.....Joint Project Manager Guardian
 JPM-IPJoint Project Manager Individual Protection
 JPM-IS.....Joint Project Manager Information Systems
 JPM-JOSCJoint Product Manager Joint Operations Support CBRNE
 JPM-NBC CA.....Joint Project Manager Nuclear, Biological, and Chemical Contamination Avoidance
 JRO-CBRNDJoint Requirements Office for Chemical, Biological, Radiological, and Nuclear Defense
 JSAMJoint Service Aircrew Mask

JSGPM.....Joint Service General Purpose Mask
 JSLIST.....Joint Service Lightweight Integrated Suit Technology
 JSSED.....Joint Service Sensitive Equipment Decontamination
 JSTDS-SSJoint Service Transportable Decontamination System-Small Scale
 JSTO-CBDJoint Science and Technology Office for Chemical and Biological Defense
 JVAPJoint Vaccine Acquisition Program
 JWARN.....Joint Warning and Reporting Network

K

KPPKey Performance Parameter

L

LMS.....Lightweight Multipurpose Shelter
 LPI.....Large Platform Interior
 LRIP.....Low Rate Initial Production

M

MADCP.....Mortuary Affairs Decontamination Collection Point
 MAISMajor Automated Information Systems
 MAISRCMajor Automated Information Systems Review Council
 MBUMask Breathing Unit
 MCM.....Medical Countermeasure
 MDAMilestone Decision Authority
 MDAPMajor Defense Acquisition Program
 MDDMateriel Development Decision
 MOT&EMulti-Service Operational Test and Evaluation

MPUMask Protective Unit
 MRADC.....Medical Radiological Countermeasures
 MS.....Milestone

N

NASSCO.....National Steel and Shipbuilding Company
 NBC.....Nuclear, Biological, and Chemical
 NFRNon-Flame Resistant
 NRTNear-Real-Time
 NSN.....National Stock Number
 NTA.....Non-Traditional Agent

O

ORD.....Operational Requirements Document
 OSD.....Office of the Secretary of Defense
 OT.....Operational Testing
 OT&E.....Operational Test and Evaluation

P

PBG.....Pressure Breathing for Gz
 PDR.....Preliminary Design Review
 PM.....Product Manager
 POM.....Program Objective Memorandum
 PPBEPlanning, Programming, Budgeting, and
 Execution
 PQT.....Production Qualification Testing

Q

QDR.....Quadrennial Defense Review

R

rBV A/B.....Recombinant Botulinum Toxin A/B Vaccine
 RDA.....Research, Development, and Acquisition

rF1V.....Recombinant Plague Vaccine
 ROMO.....Range of Military Operations
 RWRotary Wing

S

S&TScience and Technology
 SDD.....System Development and Demonstration
 SEDSensitive Equipment Decontamination
 SNAPP.....Soman Nerve Agent Pretreatment
 Pyridostigmine
 SNS.....Strategic National Stockpile
 SOFSpecial Operations Forces
 SoSSystem of Systems
 SSESensitive Site Exploitation
 SUPCOM.....20th Support Command
 SVSSmallpox Vaccine System

T

T&ETest and Evaluation
 TAC.....Tactical
 TD.....Technology Development
 TEMPTest and Evaluation Master Plan
 TEMPER.....Tent Extendable Modular Personnel
 TIC.....Toxic Industrial Chemical
 TIMToxic Industrial Material
 TMTITransformational Medical Technologies
 Initiative

U

UCS.....Unified Command Suite
 URCD.....Urgent Requirements Capability Document
 USAMRIID.....United States Army Medical Research
 Institute of Infectious Diseases

USAMRMC.....United States Army Medical Research and
 Materiel Command
 USD(AT&L).....Under Secretary of Defense for Acquisition,
 Technology and Logistics

V

VIGIVVaccinia Immune Globulin Intravenous

W

WMDWeapons of Mass Destruction

X

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Y

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Z

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